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«Витебский государственный технологический университет»

АНГЛИЙСКИЙ ЯЗЫК В ПРОФЕССИОНАЛЬНОЙ ДЕЯТЕЛЬНОСТИ

Рабочая тетрадь для практических работ для студентов специальности 6-05-0611-01 «Информационные системы и технологии»

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Рабочая тетрадь для практических работ по специальности 6-05-0611-01 «Информационные системы и технологии» содержит практические задания, направленные на формирование у студентов умений проектировать, реализовывать и оценивать программные продукты. В рабочей тетради структурированно изложены ключевые этапы создания приложений, включая разработку обычных и мобильных приложений, а также навыки написания описания и обзора приложений.

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UNIT 1 DEVELOPING AN APPLICATION

Ex.1. Read the text.

To begin you need a good **computer** with solid **components**. Having the right **hardware** will help you to develop quality **software** that works without crashing. When choosing your setup, consider both the design and functionality of each component, as a well-designed system with robust functionality ensures efficient development and reliable performance.

Here are some rules to follow when building a new app:

- 1. The **data** for the application should be stored in a relational **database**.
- 2. Customers should be able to buy the application on the **Internet**.
- 3. The software should work without any extra **peripherals**.
- 4. The program should be designed to work with or without a solid network connection.

By following these simple rules, you can write great applications that work for everyone. Focusing on both design and functionality from the start will help your app stand out and meet the needs of a wide range of users.

Ex.2. Answer the questions.

	What are the key hardware requirements mentioned for developing a ication, and why are they important?
2. functionality	How does storing data in a relational database contribute to the overall y and reliability of an application?
3. successfully	What considerations should be made to ensure that customers can purchase the application online?

	essential for software to operate with or without a solid what strategies can developers implement to achieve this?
Ex.3. Study the	vocabulary. Match the words (A) and their meanings (B).
A	В
1) network	a) any device internal to a computer, such as a hard disk drive, a USB port, or a motherboard
2) computer	b) software optimized to perform a specific task such as word processing, accounting, or web browsing
3) database	c) literally meaning 'that which is given', this term refers to raw information of any kind
4) component	d) the largest known network, connecting millions of computers around the world
5) data	e) an organized, electronic collection of information, optimized for fast access, and typically consisting of rows, columns, indexes, and keys
6) hardware	f) a connected group of computers, capable of sharing resources with each other
7) app (application)	g) an electronic device which stores and processes information
8) Internet	h) physical items which make up a computer system, including: monitors, keyboards, hard drives, and RAM
Ex.4. Choose th	e correct option to complete the sentences.
1. Examples of Adobe Photoshop, and I	
Tracos r notosnop, and	ALVANIM I IIVIA.

it will become obsolete.

3. A ______ needs to be replaced or upgraded regularly or

4. The network administrator was fired when he lost all the compared by accidentally formatting the wrong hard disk drive arra	•
5. The international company stored their customer information in a centr	•
in Brussels.	
6 today has become such a commodity that it's often	en
more expensive to repair it than to replace it.	
7. Some people refer to the as an information	on
superhighway.	
8. The company consisted of 3 servers, 9) 5
workstations, and 10 printers.	
Ex.5. Answer the questions.	
1. When did you start learning English? What is the hardest part abolearning English? How good is your spoken and written English?	ut
	_
	_
	-
	_
	_
	_
	_
	_
	_
	_
	_
2. How good are your IT skills? What is your best IT skill? Describe wh you want in your IT career.	at
	_
	_
	_
	_
	_
	_
	_
	_
	_
	_
	_

Ex.6. Match the words on the left with their correct definitions on the right.

Word	Definition
1. Application	A. A system that stores data in a structured format
2. Relational Database	B. A software program designed to perform specific tasks
3. Peripheral	C. An external device connected to a computer
4. Network Connection	D. A link that allows devices to communicate with each other

Ex.7. Complete the sentences using the words below:

applicat	ion, peripherals, relatio	nal database, network co	onnection, customers
1.	To ensure a smooth use	er experience, an	should be designed
to work wit		e like printers or scanners.	_
2.	A is esse	ential for storing and ma	naging data effectively
within the a	application.		
3.	When developing softw	ware, it's important to con	nsider how
will purcha	ase and interact with your	product online.	
4.	An application that d	loes not rely on a solid	can still
function in	offline mode.		
5.	The term	_ refers to any software	e program created for
specific tas	sks or functions.		
<i>text.</i> 1.	Develop		
_,	Synonym:	Antonym: _	
2.	Quality		
2.	Synonym:	Antonym: _	
3.	Store		
	Synonym:	Antonym: _	
4.	Functionality		
	Synonym:	Antonym: _	
5.	Design		
	Synonym:	Antonym	

	1.	Application:
	2.	Database:
	3.	Peripheral:
	4.	Network:
	5.	Customers:
	Ex.	10. Develop the following sentences with 2 – 3 sentences of your own.
users.	1.	The new application we developed has received positive feedback from
manag	2.	We chose a relational database because it offers better data integrity and nt.
		

a mouse or	keyboard.
4. effectively.	A stable network is crucial for cloud-based applications to function
5. application	Understanding our customers' needs is essential for creating a successfu
Ex.	11. Fill in the blanks with the correct form of the verb in parentheses.
1.	To begin, you (need) a good computer with solid
components	
	Having the right hardware (help) you to develop quality
	at works without crashing.
	A well-designed system (ensure) efficient development and
reliable per	
	The data for the application (should/store) in a relationa
database.	
5.	Customers (should/be) able to buy the app on the Interne
•	eputable store.
6.	1 & \ & & /
network co	
	The software (must/work) without extra peripherals to
	ll functionality. The program (should/design) to work offline or online.
ο.	the program (should/design) to work offine or offine.

9.	Following these rules (help) you create applications that
work for ev	eryone.
10.	Focusing on design and functionality (make) your app stand
out.	
11.	Developers (must/consider) both hardware and software
	ts before starting.
-	Developers (should/test) the software thoroughly to avoid
crashes.	· · · · · · · · · · · · · · · · · · ·
13.	The program's offline functionality (require) careful design
planning.	
	Users (expect) seamless performance when buying from an
online store	
15.	Without proper hardware, the software (might/fail) under
heavy work	
<i>J J</i>	
Ex.	12. Rearrange the following words to form grammatically correct
sentences.	
1.	application / should / customers / buy / able / my / to / Internet / on / the.
2.	without / peripherals / extra / work / should / the / software.
3.	rules / follow / when / building / new / a / app / you / need / to.
4.	designed / should / program / network connection / solid / a / work / with
or without.	
5.	quality software / help / right hardware / develop / you / to.

Ex.13. Add punctuation where necessary in the following sentences.

- 1. To begin you need a good computer with solid components
- 2. Having the right hardware will help you to develop quality software that works without crashing
 - 3. Here are some rules to follow when building a new app
 - 4. Customers should be able to buy my application on the Internet
- 5. The program should be designed to work with or without a solid network connection

Ex.14. Complete the sentences using the correct conditional form (zero, first, or second conditional).

1.	If customers (have) issues purchasing online, they can
contact sup	port.
2.	If an application (not work) without peripherals, it may
limit its usa	ability.
3.	If I (develop) an app, I would ensure it meets all
requiremen	ts.
4.	If we store data in a relational database, we (ensure) better
data integri	ty.
5.	If users (not have) a stable network connection, they might
experience	problems.

UNIT 2 DEVELOPING A MOBILE APPLICATION

Ex.1. Read the text.

Developing a Mobile Application: A Step-by-Step Guide

In today's digital age, developing a mobile application can be a rewarding venture, whether for personal use, business purposes, or as a startup project. The process involves several key steps that ensure the final product is functional, user-friendly, and meets the needs of its target audience. Here's a comprehensive guide to help you navigate the application development process.

Step 1: Idea Generation and Research

The first step in developing an application is to brainstorm ideas. Consider what problem your app will solve or what unique features it will offer. Conduct market research to analyze existing applications and identify gaps in the market.

Understanding your target audience is crucial; gather insights about their preferences and pain points.

Step 2: Planning and Design

Once you have a solid idea, it's time to plan your application. Create a detailed outline that includes the app's features, functionalities, and user interface (UI) design. Wireframes are useful tools at this stage, allowing you to visualize the layout and flow of the app. Focus on creating an intuitive user experience (UX) that makes navigation seamless.

Step 3: Choosing the Right Technology

Selecting the right technology stack is vital for your app's performance and scalability. Decide whether you want to develop a native app (specific to iOS or Android), a hybrid app (cross-platform), or a web application. Each option has its pros and cons, so consider factors like budget, timeline, and target audience when making your choice.

Step 4: Development

With planning and technology in place, you can begin the development phase. This involves writing code for both the front-end (what users see) and back-end (server-side functionality) of the application. Use no-code/low-code platforms that allow for easier app creation.

Step 5: Testing

Testing is a critical step in the development process. Conduct thorough testing to identify bugs and ensure that all features function as intended. Use both automated testing tools and manual testing methods to cover various scenarios. Gather feedback from beta testers to refine the app before its official launch.

Step 6: Launching the Application

Once testing is complete and any necessary adjustments have been made, it's time to launch your application. Choose an appropriate platform for distribution, such as the Apple App Store or Google Play Store. Prepare marketing strategies to promote your app effectively; consider social media campaigns, influencer partnerships, and press releases.

Step 7: Post-Launch Support and Updates

After launching your application, monitor its performance closely. Gather user feedback to identify areas for improvement and potential new features. Regular updates are essential for fixing bugs, enhancing security, and keeping users engaged with fresh content.

Conclusion

Developing an application is an exciting journey that requires creativity, technical skills, and strategic planning. By following these steps – from idea generation to post-launch support – you can create an app that not only meets user

needs but also stands out in a competitive market. Embrace the challenges along the way, and remember that continuous learning is key to successful app development!

Ex.2. Answer the questions.

1. What is the first step in developing a mobile application, and why is important to conduct market research during this phase?
2. During the planning and design stage, what tools can help visualize that app's layout and user flow?
3. What factors should you consider when choosing the technology stac for your mobile app?
4. Why is it important to decide between developing a native, hybrid, of web application early in the process?
5. In the development phase, what are the main differences between fron end and back-end development tasks?

6. app develop	What are some advantages of using no-code or low-code platforms for pment, especially for non-developers?
7. application	Why is thorough testing necessary before launching a mobile, and what types of testing should be performed?
	What platforms are commonly used for launching a new mobile to the public?
9. ongoing us	After launching the application, what steps should be taken to ensure er satisfaction and app improvement?

right.	Ex.3.	Match the words on the left with related terms or phrases on the

Word	Related Term
1. Application	A. User Experience
2. Development	B. Software Engineering
3. Interface	C. Mobile App
4. Testing	D. Quality Assurance
5. Launch	E. Deployment

Ex.4. Complete the sentences using the words below:

prototype	feedback	scalability	user interface (UI)	bug
1.		is an impo	ortant consideration wh	nen designing an
application to acc				
2. After	several round	s of testing, we	e identified a	that
caused the app to				
3. Gath	ering user		is essential for	improving the
app's features and				
4. The _		sho	ould be intuitive and vi	sually appealing
to enhance user er				
5. We c	reated a		of the application	n to test its core
functionalities bef				
Ex.5. Us development.	se the followi	ing vocabulary	y words in sentences	related to app
1. Proto	type:			
2. Feed	oack:			

3.	Scalability:
4.	User Interface (UI):
5.	Bug:
Ex.	6. Identify and correct the grammatical mistakes in the following
1.	The application need to be tested thoroughly before launch.
2.	Users feedback is crucial for improving the app.
3.	If we will gather enough data, we can make informed decisions.
4.	The developer has been working on this project since two months.
5.	Users should be able to access the application without any issues.
	7. Complete the sentences using the correct verb tense (simple present, ntinuous, or present perfect).
1.	The team (work) on developing a new feature for the app
this week.	
2.	Users (report) bugs in the latest version of the application.
3. feedback s	We (launch) our app last month and have received positive
	The developers (test) the application thoroughly before
releasing it	
_	I (not see) any major issues in the prototype so far.
Ex.	8. Write a short paragraph in response to one of the following prompts.
1.	Discuss the importance of user feedback in the app development process
	can influence future updates.
	<u>-</u>

2. explain why	Describe a feature you believe every mobile application should have and it is essential for user experience.
3. an applicati	Share your thoughts on the challenges developers face when launching on and how they can overcome these challenges.

Ex.9. Imagine that you are a developer presenting an app idea to a potential investor, write a review (150 - 200 words) of a mobile application you frequently use or recently tried out, focusing on its strengths and weaknesses, user interface, and overall experience.

Example Structure for Review:

§ 1. Introduction

- **App Name and Developer:** What is the app called? Who developed it?
- **Purpose:** What does the app aim to do? What problem does it solve or what need does it fulfill?
- **Target Audience:** Who is the app designed for (students, professionals, general public, etc.)?

•		
<u> </u>		
806	tuanatha	
<u>§ 2. S</u>	<u>trengths</u>	
Perfor crashesEase o provide	? f Use: Is it easy for need?	ew users to get started? Are instructions or tutor
• Innova compe	* *	offer anything unique or innovative compared
	rt & Updates: Is the	ere good customer support? Are updates frequency
Suppo and use		1 1 6 1 1 0 4 1 6 1 6 1
and use Value:	Does the app offer governing version?	ood value for its price? Are there useful feature
and use Value:	11 0	ood value for its price? Are there useful feature
and use Value:	11 0	ood value for its price? Are there useful feature
and use • Value:	11 0	ood value for its price? Are there useful feature
and use • Value:	11 0	ood value for its price? Are there useful feature
and use • Value:	11 0	ood value for its price? Are there useful feature

• Platform and Availability: On which devices or operating systems is the app

§ 3. Weaknesses
 Limitations: Are there important features missing? Are any features diffictouse? Bugs/Glitches: Have you experienced any technical issues? Performance Issues: Does the app lag, crash, or drain battery? Learning Curve: Is it difficult to learn how to use the app? Pricing: Is the app expensive? Is the free version too limited? Ads/In-App Purchases: Are there intrusive ads or aggressive prompts purchase? Accessibility: Are there any issues for users with disabilities?
 Privacy/Security: Are there concerns about data privacy or security?
§ 4. Conclusion • Overall Impression: What is your overall opinion of the app?
 Best Use Cases: Who would benefit most from the app? Comparison: How does it stack up against similar apps? Recommendation: Would you recommend the app? Why or why not? Final Thoughts: Any last comments, tips, or warnings for potential users?
•

Ex.10. As the potential investor, sum up the info about the app you've been offered to finance. Use 'Investor Summary Framework' to organize your findings.

Investor Summary Framework

1. App Overview

Name & Category: What is the app called, and what industry does it serve?

Core Value Proposition: What problem does it solve, and how is it better than existing solutions?

Current Stage: Is it a prototype, MVP, or fully launched? What's the user traction (e.g., downloads, revenue)?

2. Target Audience

Demographics: Age, location, income level, and tech-savviness of users. **User Pain Points**: What specific frustrations or needs does the app address? **Market Validation**: Has the audience been tested (e.g., surveys, beta testing)?

3. Features & Technology

Key Functionalities: What are the app's core features? Are there any patented or proprietary technologies?

Scalability: Can the app handle growth (e.g., server infrastructure, codebase)? **Security**: How is user data protected?

4. Market Analysis

Competitors: Who are the direct/indirect competitors? What's the app's competitive edge?

Market Trends: Is the industry growing?

5. Monetization Strategy

Revenue Streams: Subscriptions, ads, freemium, or enterprise licensing?

Pricing Model: How does pricing compare to competitors? What's the average revenue per user (ARPU)?

Partnerships: Are there collaborations with brands, influencers, or platforms?

6. Team & Roadmap

Founder Expertise: What's the team's background (e.g., prior startups, industry experience)?

Development Timeline: What features are planned for the next 12–18 months?

Hiring Needs: What roles are critical to scale (e.g., engineers, marketers)?

Marke	et Risks:	What	if c	lemand	shifts	(e.g.,	new	competi	itors.	tech
disruptions)?						(**8*)		-	,	
-	tional Ris	sks: Car	the 1	team d	eliver o	n time	? Are	there su	pply-c	hain
dependencies?									11 3	
1										
Ex.11. audience, and	Write 10 market po		is to	find ou	t more	about i	the ap	p's featu	ires, ta	ırgei

UNIT 3 APPS OVERVIEW

Merchant story: Sval Gear



Ex.1. Read the text and its translation.

Sval Gear, a Scandinavian outdoor and adventure sports brand, has successfully operated their Shopify store for several years. However, they have inventory management issues, slow order fulfillment processes, and the need for improved customer service tools.

Your goal is to recommend effective strategies that will enable Sval Gear to meet rising demand while maintaining a high-quality customer experience.

Sval Компания Gear. скандинавский бренд для активного отдыха и экстремальных видов спорта, уже несколько лет успешно управляет своим магазином Shopify. Однако у них есть проблемы управлением c запасами. медленный процесс выполнения заказов и необходимость в улучшенных инструментах обслуживания клиентов.

Ваша цель – рекомендовать эффективные стратегии, которые позволят Sval Gear удовлетворять растущий спрос, сохраняя при этом высокое качество обслуживания клиентов.

Ex.2. Answer the questions.

1. What are two key benefits of using Shopify's built-in inventory management tools for a store like Sval Gear?

2. managemen	How can regular inventory audits help Sval Gear address their inventory at issues?
3. multi-locati	Why is it important for Sval Gear to set up accurate SKU tracking and on inventory management in Shopify?
4. stockouts as	What strategies can Sval Gear use to prevent both overstocking and sthey scale their operations?

5. How could improving inventory management positively impact Sval Gear's order fulfillment speed and customer satisfaction?

					
	-	the following sentences with the correct vocabulary. Choose			
•	•	ing list: inventory management, traffic, payment gateway,			
shipping, c	ustomer sup	port, checkout, time-consuming.			
1.	Sval Gear r	needs to improve their to prevent			
stockouts.	Svar Gear 1	to prevent			
	The recent	launch of the viral snowboard led to a significant increase in			
		·			
3.	To enhance	e customer service, Sval Gear should implement a more			
efficient		system.			
4.	Sval Gear	struggles with because their			
online and		t levels are not synchronized.			
5.		order fulfillment process could lead to delays during peak			
		·			
	-	e customer experience, Sval Gear needs tools for optimizing			
		process.			
		nanual processes for inventory updates are			
		and prone to errors.			
E.	1 Matala was	abulam related to a commence with their definitions			
	<i>4. Maich voc</i> bulary	cabulary related to e-commerce with their definitions. Definitions			
		A. Software or systems used to support customer inquiries			
1. Inventor Manageme	•	and issues.			
2. Order F		B. The final step in the online purchasing process where			
2. Order 1	GIIIIIIICIIL	b. The final step in the online purchasing process where			

Vocabulary	Definitions			
1. Inventory	A. Software or systems used to support customer inquiries			
Management	and issues.			
2. Order Fulfillment	B. The final step in the online purchasing process where			
3. Customer Service	customers confirm their orders.			
Tools	C. The process of expanding business operations to meet			
4. Payment Gateway	increased demand.			
5. Checkout Process	D. The overall perception of a company by its customers			
6. Customer	based on interactions.			
Experience	E. The process of managing the stock of goods.			
7. Scaling Operations	F. The process of preparing and delivering orders to			
	customers.			
	G. The system through which customers pay for their			
	purchases online.			

Export Rewrite

Ex.5. Write why each term is important for Sval Gear's operations.

Ex.6. Read the text and its translation.

Traffic spikes and site performance

Sval Gear, a Scandinavian brand rooted in Nordic culture and connected to the outdoors and adventure sports, have been running their Shopify store for a few years. As they gear up for the busy holiday season, they've encountered challenges with their current tech setup, especially after the recent launch of a viral snowboard that significantly boosted traffic.

This has underscored the need to improve their operations to meet demand and maintain a seamless customer experience.

Увеличение посещаемости и производительности сайта

Скандинавский бренд Sval основанный на нормандской культуре и связанный с отдыхом на природе и экстремальными видами спорта, уже несколько лет управляет своим магазином Shopify. Готовясь напряженному сезону отпусков, они столкнулись с проблемами, связанными с их текущей технической настройкой, особенно после недавнего запуска который популярного сноуборда, значительно увеличил трафик.

Это подчеркнуло необходимость совершенствования их деятельности для удовлетворения спроса и обеспечения бесперебойного обслуживания клиентов.

Ex.7. Answer the following questions based on the text about Sval Gear's experience with traffic spikes and site performance.

1. website tra	What event caused Sval Gear to experience a significant increase in ffic?
2.	Why is it important for Sval Gear to improve their operations during the
holiday sea	• • • • • • • • • • • • • • • • • • • •
3. spike in tra	What are two potential risks for an online store when it faces a sudden affic?

Ex.8. Match each challenge with the most appropriate solution used by successful Shopify stores during high-traffic periods.

Challenge	Solution Options
A. Slow site speed	1. Enable a Content Delivery Network (CDN)
B. Checkout process bottlenecks	2. Streamline and optimize the checkout flow
C. Unprepared for sudden traffic surge	3. Run load tests and monitor site performance

Ex.9. Read each statement and decide if it is TRUE or FALSE according to the text.

- 1. Upgrading to Shopify Plus can help a store to handle massive traffic spikes.
- 2. Optimizing images and reducing unused scripts are unnecessary for site speed.

- 3. Running load tests before big events can help identify weak points in a store's infrastructure.
- 4. A slow checkout process does not affect customer experience during high-traffic periods.
 - 5. Using a CDN can improve site performance for international customers.

Ex.10. Read the text and its translation.

Key challenges

- Inventory management: They struggle to keep their online and instore inventory in sync, leading to overselling and stockouts
- Order fulfillment: Their order processing and shipping workflows are slow, which could cause major issues during peak holiday traffic
- Customer experience: With increased site traffic, they need better tools for customer service, optimizing checkout, and engaging customers after purchase
- Scaling operations: Their manual processes for inventory updates, returns management, and sales tracking are time-consuming and prone to errors

Основные проблемы

- Управление запасами: им сложно синхронизировать свои онлайн-запасы и запасы в магазинах, что приводит к перепродажам и нехватке товаров на складе
- Выполнение заказов: их рабочие процессы обработки заказов и доставки выполняются медленно, что может вызвать серьезные проблемы во время пикового трафика в праздничные дни
- Качество обслуживания клиентов: с увеличением посещаемости сайта им требуются более совершенные инструменты для обслуживания клиентов, оптимизации оформления заказа и привлечения клиентов после покупки
- Масштабирование операций: ручные процессы обновления запасов, управления возвратами и отслеживания продаж отнимают много времени и часто приводят к ошибкам

Ex.11. Match each challenge to the most effective solution from the list below.

Challenges	Potential Solutions					
1. Inventory syncing issues	A. Implement an automated inventory management system (e.g., Shopify POS integration).					
2. Slow order fulfillment	B. Use third-party logistics (3PL) providers for faster shipping.					

Challenges	Potential Solutions
3. Poor post-purchase engagement	C. Deploy AI chatbots and personalized email campaigns.
4. Error-prone manual processes	D. Adopt workflow automation tools (e.g., Zapier or Shopify Flow).

Ex.12. Rank the challenges from 1 (most urgent) to 4 (least urgent) for Sval Gear during the holiday season. Justify your ranking based on potential customer impact.

Challenges:

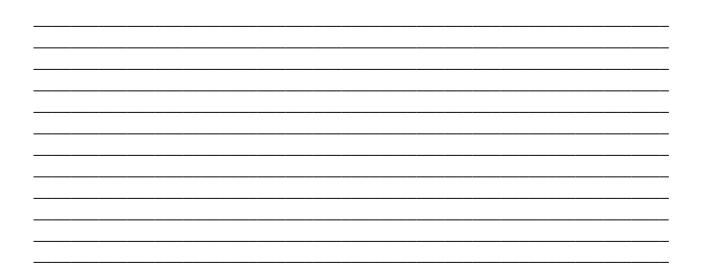
 A. Inventory mismatches causing overselling B. Slow order fulfillment during peak traffic C. Weak post-purchase customer engagement D. Manual processes leading to order errors 	

Ex.13. Read the situation and answer the questions.

Sval Gear's holiday campaign goes viral, doubling their typical traffic. Orders surge, but their manual inventory system fails to update in real time. Customers begin receiving cancellation emails for oversold items, and shipping delays hit 5+ days.

mand per	iods?	
2. W	hat immediate action should Sval Gear take to stabilize invent	tory
3. H o	ow could automation improve their order fulfillment workflow	7?
		-
4. W	hat tool could help retain customers affected by cancellations?	•

Ex.14. Develop and launch a customer communication plan that proactively informs buyers about order status, potential delays, and alternative product options to enhance transparency and maintain customer satisfaction during peak sales periods.



Ex.15. Read the text and its translation.

Your role as the developer

You've been brought in to evaluate their needs and recommend app-based tools and solutions that will streamline operations and scale effectively. Whether it's leveraging existing public apps from the Shopify App Store or building custom solutions, your goal is to find the best path forward.

Ваша роль разработчика

Вы привлечены для того, чтобы оценить потребности ИХ порекомендовать инструменты И решения приложений, основе которые позволят оптимизировать операции эффективно И масштабироваться. Независимо от того, используете ЛИ существующие ВЫ общедоступные приложения приложений Shopify магазина или индивидуальные решения, создаете ваша цель – найти наилучший путь продвижения вперед.

What you need to consider

- Budget: Solutions need to balance cost and functionality
- Timeline: The holiday season is fast approaching, so quick implementation is essential
- Scalability: Any tools or apps must handle traffic surges, especially during product launches or busy shopping periods

Что вам нужно учитывать

- Бюджет: решения должны сочетать стоимость и функциональность
- Сроки: сезон отпусков быстро приближается, поэтому важно быстрое внедрение
- Масштабируемость: любые инструменты или приложения должны справляться с перепадами трафика, особенно во время презентации

• Compliance: Privacy and security are essential, and any third-party apps or custom solutions must integrate with Shopify's data protection standard

продукта или в периоды интенсивных покупок

Соответствие требованиям: конфиденциальность и безопасность любые имеют важное значение, И сторонние приложения или пользовательские решения должны быть интегрированы со стандартом защиты данных Shopify

Ex.16. Match the following terms with their definitions.

Term	Definition
 Scalability Compliance Streamline Implementation Functionality 	 A. The ability of a system to handle increased load without compromising performance. B. The process of putting a plan or system into action. C. The act of conforming to a standard or regulation. D. The quality or state of being able to perform a specific task or set of tasks. E. To make a process more efficient by simplifying or eliminating unnecessary steps.

Ex.17. Here are seven discussion issues related to Sval Gear's challenges and your role as a developer.

1. Balancing Cost and Functionality:

the need for	functionality		enting new solutions w

2. **Ensuring Scalability:**

•	What strategies can be employed to ensure that any new tools or apps
can handle t	raffic surges during peak shopping periods?
	
	
3.	Meeting Compliance Standards:
comply with	How can Sval Gear ensure that third-party apps or custom solutions a Shopify's data protection standards?
compry with	1 Shophry's data protection standards:
	
4.	Quiek Implementation
4.	Quick Implementation:
• solutions be	What steps can be taken to ensure quick implementation of new fore the holiday season?

5. **Inventory Management Solutions:**

	•	What app-based tools or custom solutions could be used to improve
invento	ory m	anagement and prevent overselling and stockouts?
		
		
	6.	Enhancing Customer Experience:
		How can Such Coor use technology to enhance systems service
ontimi	• ze ch	How can Sval Gear use technology to enhance customer service, eckout processes, and engage customers post-purchase?
орини	LC CII	eckout processes, and engage customers post-purchase:
	7.	Custom vs. Public Apps:
	, ,	Custom (st. 2 disciplination)
	•	When should Sval Gear opt for custom-built solutions versus leveraging
existing	g pub	olic apps from the Shopify App Store?
		
		

UNIT 4 WRITING AN APP DESCRIPTION

Ex.1. Read the text.

A great description can make your app stand out and help encourage customers to download it. Here are some tips for making your app's description the best it can be.

- Grab attention in the first few sentences. The beginning of your description is the most important, so make sure it grabs and holds attention. Start with the value prop: why should potential customers take the time and money to get your app? What is the benefit to choosing your app over another? In one or two sentences, using plain and clear language, explain your app's unique appeal and why someone would want it.
- Make it easy to learn about your app. After your initial hook, describe additional benefits, in-app purchase opportunities, and other details about your app that customers will want to know. Make sure you include any disclosures or information that you are required to provide under the law in the markets where you are distributing your app.
- Use lists and short paragraphs. Potential customers may just take a quick glance at your app's description. Breaking up the content by using short paragraphs and lists makes it easier to scan.

Note

Adding a list of product features can also help to quickly show what your app does. This list appears directly below the app description.

- **Avoid dry language.** Write your description using engaging language. Be sure the wording clearly describes what your app does, but say it in a way that doesn't sound boring. For many apps, a casual and friendly tone works well.
- Use a length that is just right. A good description reads quickly, but also includes enough info to get the reader interested and explain what the app does. A complex app will need more sentences to describe it; a simple app may need only a few. In most cases the right length is somewhere over 200 words, but well under 3000.
- **Be clear about free trials and add-ons.** If you offer a free trial of your app, be sure to explain how that trial works, so that customers understand which features are limited. It's also a good idea to mention what types of add-ons are available, particularly if they have significant impacts on your app's functionality.

- Use standard capitalization and punctuation. Descriptions in all caps, or those that have unusual punctuation, can be hard to read.
- **Don't forget to check the spelling and grammar.** A description with lots of misspelled words or mangled sentences doesn't reflect well on the quality of your app. Be sure to review your description (or have someone else take a look) to check for errors.
- **Don't include links or info that belongs elsewhere.** URLs that you enter in the description field won't be clickable, so don't try to add links for things like your privacy policy or support website. Instead, add these in the designated areas of the **Properties** page of your submission.
- **Don't use HTML tags.** HTML or other code will not be rendered. Your description needs to be plain text only.
- Get ideas by reviewing descriptions of similar apps in the Store. Take a look at how other developers describe their apps. This also helps you figure out what you can emphasize that is different about your app.

Ex.2. Choose the correct option.

What is the main purpose of the text?

- 1. To explain how to design an app interface
- 2. To give tips on writing an effective app description
- 3. To describe how to code an app
- 4. To teach how to market an app on social media

Ex.3. Mark the following statements as True or False based on the text.

- 1. The beginning of an app description should quickly grab the reader's attention.
 - 2. Using long paragraphs helps customers understand the app better.
 - 3. It's important to explain free trials and add-ons clearly in the description.
 - 4. Including URLs in the description field is recommended.
- 5. Using casual and friendly language can make the description more engaging.

Ex.4. Complete the sentences with words or phrases from the text.

	1.	A go	ood	app	description	should	use	 	and _	
paragr	aphs	to mal	ke it	easie	r to scan.					
	2.	The o	descr	riptio	n should be	between		 and _		 words
long in	i mos	st cases	S.							

4. features are 5.	Avoid using or unusual punctuation because it can make the hard to read. If your app offers a free trial, explain how the trial works and which Instead of adding links in the description, put URLs in ther submission.
Ex.5	5. Answer the following questions in one or two sentences.
1. description?	
2. interested?	What tone is recommended for many app descriptions to keep readers
3.	Why should you avoid including HTML tags in your app description?
4.	How can reviewing descriptions of similar apps help you?

Ex.6. Match the vocabulary word to its meaning based on the text.

Word	Meaning
1) engaging	A. Easy to read and understand
2) disclosures	B. Information you are required to provide
3) casual	C. Friendly and informal in style
4) scan	D. To look quickly over something
5) emphasize	E. To give special importance to something

Ex.7. Rewrite the following sentences using your own words but keep the same meaning.

1.	"Use lists and short paragraphs to make your description easier to scan."		
		_	
		_	
		_	
	"Don't forget to check the spelling and grammar to make yon look professional."	uı	
		- - -	
		- -	
3. limited."	"Explain free trials clearly so customers know which features a	re	
		_	

sentence	Ex.8. Write 2-3 sentences that could serve as the hook (the first few sentences) of an app description. Use clear and simple language to explain the app's unique appeal and why someone should download it.		
E	Ex.9. Answer the following questions.		
	. Why is the opening of an app description considered the most important w can it influence a potential customer's decision?		
2 paragrap	. What are the advantages and disadvantages of using lists and short hs in app descriptions?		

4. description?	Why is it important to clearly explain free trials and add-ons in an app
5.	What problems might arise from including URLs or HTML tags in ar
app descript	
6. their own ap	How can reviewing descriptions of similar apps help developers improve op descriptions?
7. of an app's o	What role does spelling and grammar play in shaping a user's impression quality?
8. too long or	How can an app description balance being informative without becoming overwhelming?

9. description	In what ways can legal disclosures impact the content and tone of an appn?
	. How might cultural differences or different market regulations affect descriptions should be written for global distribution?
Ex	1.10. Give an example of the app that fits the following description.
Th	ne application:
-	is a feature-rich application
-	is a reliable and well-designed cloud storage app
-	is first-to-market
lika aytra	is free to download, with a paid version that includes additional benefits
like extra	is subscription-based
_	is the world's leading service app
-	stands out from the competition

Ex.11. Read the app description.

Discover the world's leading cloud storage app that sets the standard for reliability and design. Our feature-rich application was first to market, offering users a seamless and secure way to store and access their files anytime, anywhere. Download the app for free and enjoy essential storage features right away. For those who need more space and additional benefits, our affordable subscription plan provides extra storage and premium services tailored to your needs. Trusted by millions worldwide, this app stands out from the competition by combining cutting-edge technology with user-friendly design. Join the community of satisfied users and experience why we're the top choice for cloud storage.

Ex.12. Answer the following questions based on the app description.

- 1. What makes this cloud storage app stand out from its competitors?
- 2. What does the app offer to users who download it for free?
- 3. How does the subscription plan enhance the app experience?
- 4. Why is the app described as "feature-rich"?
- 5. What two qualities does the app set the standard for?

Ex.13. Match the words or phrases from the text with their meanings.

Word / Phrase	Meaning
1) feature-rich	a) easy to use and understand
2) first to market	b) offers many useful functions or features
3) seamless	c) the earliest product introduced in a market
4) subscription plan	d) a smooth and uninterrupted experience
5) user-friendly	d) a payment model with regular fees

Ex.14. Decide if the following statements based on the text are TRUE or FALSE.

- 1. The app requires payment before you can download it.
- 2. Millions of people trust this app worldwide.
- 3. The app offers a secure way to store and access files.
- 4. The subscription plan is expensive and not tailored to user needs.

5. The app was the first of its kind to enter the market.

Ex.15. Complete the sentences using words or phrases from the text.

1.	The app is known as the world's cloud storage app.
2.	Users can download the app and start using essential
features imi	• • • • • • • • • • • • • • • • • • • •
3.	The subscription plan provides storage and premium
services.	
4.	The app combines cutting-edge technology with design.
5.	It offers a and way to store and access files.
Ex.	16. Rewrite the following sentences in your own words without changing
the meanin	
1	"O ft vi-lliti finat tolt
	"Our feature-rich application was first to market, offering users a
seamess an	d secure way to store and access their files anytime, anywhere."
	
2.	"Trusted by millions worldwide, this app stands out from the
	by combining cutting-edge technology with user-friendly design."
1	

Ex.17. Read the app description.

When living with roommates **keeping track of chores** can be **a hassle** (морока) and housework can **pile up** fast. No one likes **Lane chore charts** and maid services are too expensive. So often one roommate ends up **picking up the slack** (восполнить пробел). But not anymore!

Introducing *Cohabit*, **a brand-new way** to organize chores for roommates. *Cohabit* **turns chores into a game**. Whenever there is a chore to be done, roommates **are rewarded for** completing it. **Play for** pride or for money and watch the points **pile up**.

To start, create a game, add the chores around your apartment and invite your roommates. You can track who does what chores around the apartment and watch your apartment get cleaner right from your phone. Completing the chore is easy and quick, just select the chore, **take a before picture** in the app, then **take an after picture**. When you're done, pictures are removed from your phone, once your **chore is submitted.** It's that simple! **Keep the trash talk** where it belongs in the in-app messaging system.

With *Cohabit* roommates finally **get the recognition and reward** that they deserve, and everyone is happy to live in a cleaner apartment.

To learn more, check out cohab done IT or download the app now.

Ex.18. Answer the following questions based on the text.

1.	What problem does Cohabit solve for roommates?
2.	How does Cohabit make doing chores more engaging?
3.	What steps do users need to take to start using Cohabit?
4.	How does the app track chore completion?

5. What feature	e allows roommates to communicate within the app?
Ex.19. Match the	ese words or phrases from the text to their meanings.
Word/Phrase	Meaning
1) hassle	a) to do extra work to make up for someone else
2) pile up	b) a situation that is annoying or causes problems
3) pick up the slack	c) to accumulate or increase quickly
4) recognition	d) to get credit or acknowledgment for something done
5) trash talk	e) teasing or boastful talk, often to provoke rivals
 Cohabit requ 	the following statements are TRUE or FALSE. uires users to pay before they can use any features. urn points for completing chores in Cohabit.
3. The app deleastabmission.4. Cohabit only	etes before and after photos of chores from your phone after works if you have hired a maid service. we you to play for pride or for money.
Ex.21. Put these –5).	steps for using Cohabit in the correct order (number then
Take a before Create a gam Invite your ro Take an after	

Ex.22. Match each vocabulary phrase to its correct definition.

Phrase	Definition
	1. To make a boring task more fun by adding
	competition or prizes
	2. To receive credit or acknowledgment for
A. keeping track of chores	your efforts
B. a hassle	3. To monitor or record who does which
C. pile up	housework
D. pick up the slack	4. To do extra work because others are not
E. be rewarded for	doing their share
F. take a before picture	5. To receive something positive, like points
G. get the recognition and reward	or prizes, after doing something
H. turn chores into a game	6. To take a photo before starting a task
	7. When tasks accumulate and become overwhelming
	8. Something that is annoying or causes problems

	prooreins
	Ex.23. Complete the sentences with the correct vocabulary phrase from the
list:	
	. If you don't do your laundry regularly, it will quickly.
	2. In Cohabit, you can and see who has done which tasks.
	B. When one roommate is away, someone else usually has to
	4. With Cohabit, you for every chore you complete.
	5. Before you start cleaning, remember to in the app.
the med	Ex.24. Use each of the following phrases in your own sentence. Make surning is clear from the context.
	a brand-new way
	2. play for
	3. submit a chore

4.	keep the trash talk
5.	lane chore charts
nba	25. Imagine you are recommending Cohabit to a friend who struggles lanced chores at home. Write 3–4 sentences explaining how the app why it would help your friend's situation.
isem	26. Imagine you are the marketing manager for this app. Write a short ent (3-4 sentences) that highlights the app's key features and encourages ownload it.

UNIT 5 AN APP REVIEW

Ex.1. Match each word to the correct definition.

a)	accurate	ŀ	1)	difficult-to-use	
b)	efficient	i	.)	incorrect	
c)	handy	j)	old	
d)	high-quality	1	<u>(</u>)	poor quality	
e)	secure	1	.)	time-consuming	
f)	up-to-date	r	n)	unsafe	
g)	user-friendly	I	n)	useless	
	: easy to use or un				
2.	: not safe; dangero	ous			
3.	: producing good	results without v	was	ting time or resources	
	: not correct; wron				
5.	: outdated; not new				
Ex.	2. Complete the sentences	with the correct	wo	rd.	
	-				
1.	The new software is very			-	
2.					
	Carrying a pocketknife is when camping.				
	The machine is and often breaks down.				
5.	Updating your antivirus p	rogram keeps yo	our	computer	
Ex.	3. For each word write one	synonym and o	one	antonym.	
Exa	ample: accurate				
	Synonym: <u>precise</u>	Anto	nyı	n: <u>incorrect</u>	
1	Efficient				
	Synonym:	Δ nt c	ากระ	n·	
	Synonym.	7 Mile)11 y 1	n:	
2.	Handy				
	Synonym:	Anto	nyı	n:	
3.	Secure				
	Synonym:	Anto	nyı	n:	
4.	Old				
	Synonym:	Anto	nvi	n:	

	5.	Useless			
		Synonym:	A	ntonym:	
(N).	Ex.	.4. Sort the following word	ls into two	categories: Positive (I	P)/Negative
(11).	•	accurate		 efficient 	
	•	poor quality		• time-consuming	7
	•	user-friendly		 high-quality 	
	•	up-to-date		 useless 	
	•	unsafe		• difficult-to-use	
	Ex.	.5. Use each word in your ow	vn sentence.		
	1.	Secure			
	2.	Old			
	3.	Time-consuming			
	4.	User-friendly			
	5.	Incorrect			
	6. I	High-quality			
	7. I	Efficient			

Ex.6. Match the word with the meaning.

Word	Meaning
1) accurate	A. Free from mistakes; exact
2) efficient	B. Achieves maximum productivity
3) handy	C. Convenient to use
4) high-quality	D. Superior in standard or excellence
5) secure	E. Safe from danger or loss
6) up-to-date	F. Current; not outdated
7) user-friendly	G. Easy for people to use
8) difficult-to-use	H. Hard to operate or understand
9) incorrect	I. Not right; mistaken
10) old	J. Not new; aged
11) poor quality	K. Inferior; not well made
12) time-consuming	L. Takes a lot of time
13) unsafe	M. Not safe; dangerous
14) useless	N. Not helpful or functional

Ex.7. Read the App Description. Add more information about its features and benefits.

"Discover the easiest way to organize your daily tasks with TaskMaster! Capp helps you stay productive and stress-free by offering simple, user-friendly too				
designed just for you."				

	 -
Ex.8. Rewrite the App Descrip	ption.
• • • • • • • • • • • • • • • • • • • •	tion. Rewrite it using at least five vocabulary ption more appealing and professional.
"This app is easy to use bu sometimes has mistakes. It is not very	ut sometimes slow. It helps you do tasks but safe."
Ex.9. Complete the app descr vocabulary word from the list in Ex.	iption by filling in the blanks with the correct 8.
	and, making it perfect for
beginners. It offers upda	tes to keep your data Unlike other
apps, it is and protects ye	our information."
Ex.10. Read the following ap that describes the problem or strength	p reviews and underline the vocabulary word h of the app.
1. "The interface is very	; I had no trouble navigating it."
2 "The ann is	

"Some information shown	n was	, which caused confusion."
	abulary word to an a	app feature or quality it best
accurateefficientuser-friendlytime-consumingsecure		
Features:		
y navigation and simple de rect and reliable data outp tects user data from hacke	esign out ers	
of simplicity with our ap aluable time. With intuiti e has never been easier o	op-designed to streamlive, handy tools at you or more efficient. Expe	ine your daily tasks and save ur fingertips, managing your
1. handy		
2. high-quality		
	"The app keeps my data _ "Ex.11. Match each voc bes. accurate efficient user-friendly time-consuming secure Features: It loading times and quick y navigation and simple derect and reliable data outpotects user data from hacke tes a long time to perform Ex.12. Write 3 – 4 persu flowing words: difficult-to Example: "Our app offers handy of simplicity with our appealuable time. With intuitive has never been easier of boost your productivity even 1. handy	 accurate efficient user-friendly time-consuming secure Features: It loading times and quick task completion sy navigation and simple design rect and reliable data output atects user data from hackers are a long time to perform tasks Ex.12. Write 3 – 4 persuasive sentences for an allowing words: difficult-to-use, handy, high-quality with great and to streamled aluable time. With intuitive, handy tools at your end and tools at your productivity every day!" handy 1. handy

3. difficult-to-use	
5. difficult to disc	
1 year to data	
4. up-to-date	
5. useless	

Ex.13. Study the arrangement of the phrases for describing different apps, grouped by functionality and audience. Mention the apps you know of each type.

Content Creation & Editing

- The application allows creators to break longer videos up into sections, that way viewers can jump to the "chapters" they want to view and skip past segments that don't interest them.
- The application allows users to collaborate on different devices to create group videos.
 - The application makes everyone look a bit better looking on camera.

• The application makes it easy to capture videos and photos that would automatically disappear within 24-hours.

E-Commerce & Shopping

- The application allows users to select products they wish to return and process those returns directly from the app.
- The application lets users make a purchase with a single click, assuming they've already uploaded their credit card and address information.
- The application makes it easy to buy, review, and return products around the world.
- The application allows users to connect with brands they love and browse new products for sale.
 - The application helps businesses stay relevant and competitive.

Social & Community

- The application allows users to share and discover new music.
- The application allows users to download the songs they like and listen without an internet connection.
- The application allows users to subscribe to a favourite creator's channel with one click.
- The application makes it a powerful channel for advertisers trying to reach those segments.
 - The application offers an easy way to connect through images and videos.
- The application makes it easy to access their content and do the things they want to do directly from their smartphones and tablets.

Productivity & Tools

- The application allows users to create secured links to documents they want to share with a handful of people.
- The application makes it easy to share files with teams or store important documents on the cloud for future access.
- The application helps users save and share videos, articles, and emails to their smartphones.

Location & Accessibility

- The application allows users to drop pins in precise locations and gives them the option to make their location known to the driver.
 - The application allows users to share their live location with friends.
 - The application makes it easy to find the precise accommodation you want.

Ex.14. Describe an application you would like to develop that meets the core needs of your target audience and reflects your creativity and preferred development style. The final product should be user-friendly, engaging, and scalable.

Ex.15. Answer the questions tailored for an app developer, blending personal insights with tech-focused curiosity.

- 1. What coding problem or design challenge are you thinking about at this very moment?
- 2. Do you prefer working on personal coding projects or outdoor activities in your free time?
 - 3. How are you feeling about your current project's progress or challenges?
- 4. Do you fuel your coding sessions with a specific breakfast routine or coffee habit?

- 5. Is your workspace set up to minimize distractions or spark creativity?
- 6. Do you listen to music or podcasts while coding, and what's your go-to genre?
- 7. Do you dedicate weekends to side projects, learning new frameworks, or unplugging entirely?
- 8. What's your team's communication style, and how does collaboration flow?
- 9. Do evenings involve debugging, brainstorming, or strict work-life boundaries?
- 10. Are there any tech meetups or hackathons happening nearby that inspire you?
- 11. Do you have hobbies that directly influence your coding creativity (e.g., gaming, 3D printing)?
- 12. Are you reading any tech blogs, documentation, or books that are shaping your current work?
- 13. Are you binge-watching tech talks or tutorials alongside your usual shows?
 - 14. Do you celebrate app launches or milestones on your birthday?
- 15. How do recent tech advancements or cybersecurity news impact your development priorities?
- 16. Do sci-fi movies or tech documentaries inspire your app design philosophy?
- 17. Are you learning a new programming language or tool to stay ahead in your field?
- 18. Do you use fitness apps or ergonomic setups to stay healthy during long coding sessions?
 - 19. Is your favorite way to unwind coding-related or completely tech-free?
- 20. Are you optimizing apps for energy efficiency or sustainability in your projects?

Учебное издание

АНГЛИЙСКИЙ ЯЗЫК В ПРОФЕССИОНАЛЬНОЙ ДЕЯТЕЛЬНОСТИ

Рабочая тетрадь для практических работ

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