

Intro to Software

Engineering

Test Cases Report

Team:

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Content

- Phase 2 Update
- Scope

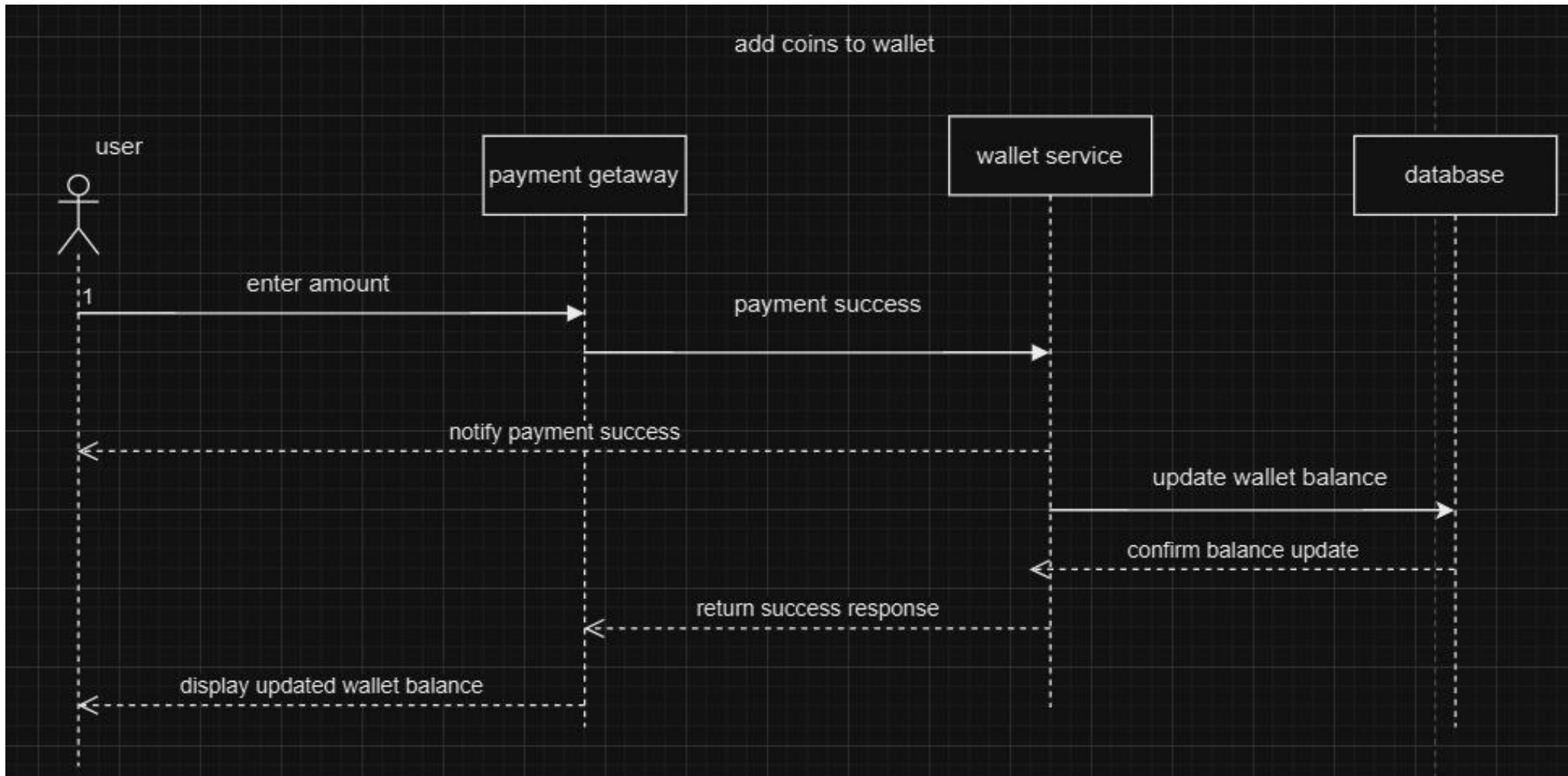
Phase 3

Test case report

- Test Case Table template

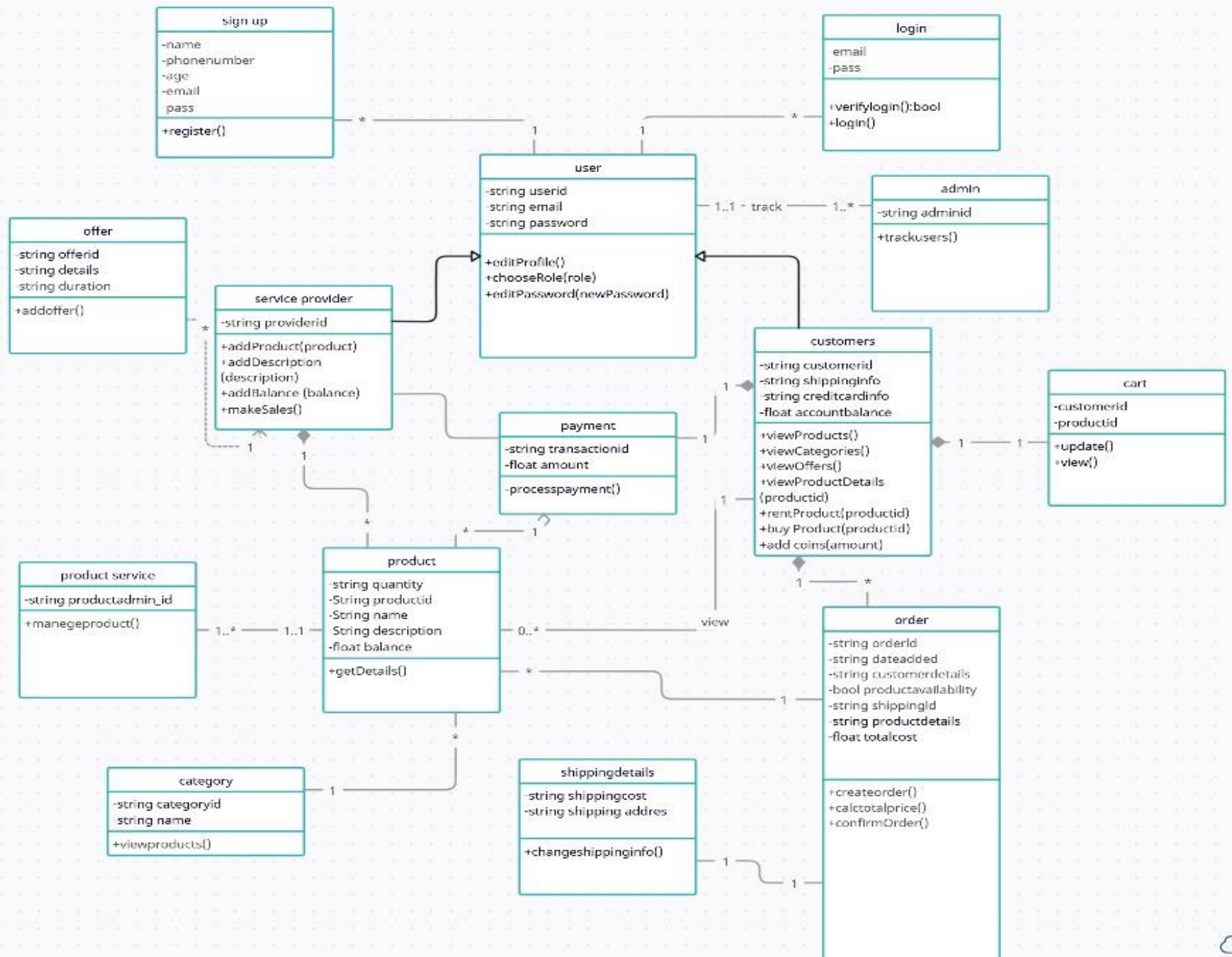
Phase2

- This section should contain Final Class Diagram & Sequence diagram in phase 2 after modifications performed based on the comments that you have received from your TA during phase 2 discussion



Phase 3

Test case report



Scope

Allow service provider to add product

- Verify that the service provider can access the "Add Product" functionality.
- Verify that the form or interface to add a product is displayed correctly.
- Verify that the service provider can successfully add a product .
- Verify that the system displays a success message after adding a product.

Allow service provider to add the balance of the product

- Verify that the service provider can access the functionality to add the product balance.
- Verify that the service provider can select a product from the existing product list.
- Verify that the system allows adding balance for the selected product.

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- Verify that the updated balance is reflected in the product details immediately.
- Verify that a confirmation message is displayed upon successfully updating the balance.

Allow service provider to register to a profile using email and a password

- Verify that the registration form includes fields for email and password.
- Verify that the service provider can successfully register with a valid email and password.
- Verify that the system sends a confirmation email to the registered email address
- Verify that the service provider can activate their account using the confirmation email

Allow customer to login to a profile using email and password

- Verify that the login page is accessible to customers.
- Verify that the login form includes fields for email and password.
- Verify that the customer can successfully log in with valid credentials.

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- Verify that the system redirects the customer to the correct dashboard or homepage upon successful login.

Allow service provider to edit the profile credentials

- Verify that the service provider can access the "Edit Profile" functionality.
- Verify that the profile credentials are displayed in editable fields.
- Verify that changes to the profile credentials are saved correctly in the database.
- Verify that the system sends a confirmation email for credentials updates.

Allow customer to view products

- Verify that the customer can access the product listing page.
- Verify that products are displayed in the correct categories or filters.
- Verify that only active and available products are displayed to the customer.
- Verify that the customer can navigate between pages if the product list spans multiple pages.

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Allow customer to view available offers

- Verify that the customer can access the "Available Offers" section or page.
- Verify that all active offers are displayed correctly, including offer details.
- Verify that expired or inactive offers are not displayed to the customer.
- Verify that the system updates the offers list when new offers are added or existing ones expire.

Allow customer to add coins to the e-wallet

- Verify that the customer can access the "Add Coins" functionality in the e-wallet.
- Verify that the customer can select or enter the amount of coins to add.
- Verify that supported payment methods are displayed and functional.
- Verify that the wallet balance updates immediately after adding coins.
- Verify that the system sends a confirmation notification for successful transactions.

Allow customer to rent the products

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- Verify that the customer can access the product rental feature.
- Verify that the customer can select a product and choose the rental duration.
- Verify that the rental cost is calculated correctly based on the duration.
- Verify the e-coin balance of the customer.
- Verify that the customer can confirm the rental by completing the payment.

Test Case Specification

This section should list all test cases that cover test plan scope.

- It describes “how” to implement those test cases
- Test case specifications are useful as it enlists the specification details of the items.
- Students should design test cases, each team member should design at least 3 test cases
- All test cases should be written in table with the **following attributes**

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Test case report

Test Case ID	Test Case Description	Pre-Conditions	Test Steps	Test Data	Expected Result	Actual Result	status
1.	Check if the service provider can add products.	User should be registered as a service provider and logged in to the account	1. Click on add products 2. Enter the product credentials 3. Click add	Name : Nissan sunny 2017 Quantity : 1	"Product added successfully"	"Product added successfully"	Pass
2.	Check if the customer can add e-coins	User should be registered as customer and logged in to the account	1. Click add e-coins 2. Enter the amount of coins 3. Click add	Amount : 1000	"Successful transaction" (e-coins is shown in the account)	Successful transaction (e-coins is shown in the account)	Pass

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3.	Check if the customer can login	Login as customer is selected	1.Enter the email 2. Enter the password 3. Click Login	Email : mostafa20236094@gmail.com Pass : 20236094	"Logged in successful" (Redirects to the dashboard)	"Login failed, please check your email and password and try again"	Failed
4,	Check if the service provider can add balance to products	Logged in as Service provider and the product is added.	1.Click add balance 2.Select the product 3.Enter the balance 4.Click add	Balance: 30	"Balance added successfully" (The balance is shown in the products details)	"Balance added successfully" (The balance is shown in the products details)	Pass
5.	Check the customer can view products	Logged in as Customer	1.Click view products	All products on the system	All products is shown with their categories and user can navigate through them	All products is shown with their categories and user can navigate through them	Pass
6.	Check service provider can register an account	Register as a service provider	1.Enter the email. 2. Enter the password. 3.Click register	Email: Moneer20236103@hotmail.com Pass: 20236103	"Register complete"(verification email is sent to the domain of the email)	"Register complete"(verification email is sent to the domain of the email)	Pass

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7.	Check if the customer can view available offers	Logged in a customer	1.Click on view offers	All offers included in the system.	All offers with their details is displayed in organized layout and its updated upon a new offer is setted up	All offers with their details is displayed in organized layout and its updated upon a new offer is setted up	Pass
8.	Check if the service provider can edit their profile	Logged in as a service provider	1.Click edit profile 2.Enter all credentials 3. click edit profile	Name: Yamen Email : yamen20236120@yahoo.com Password : 20236120	"Profile edited successfully"	"Profile edited successfully"	Pass
9.	Check if the customer can rent the product	Logged in as customer and an item is selected to be rented	1.Click rent 2.Enter the duration 3.Click confirm payment	Duration (hrs): 7	"Rented successfully" (the transaction should be completed by the amount of balance)	"No sufficient balance" (The account have a sufficient balance though)	Failed

Example test cases for a login page

Below is an example of preparing various test cases for a login page with a username and password.

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- **Unit Test case:** Here we are only checking if the username validates at least for the length of eight characters.

Test Id	Test Description	Test Steps	Test Input	Test Expected Result	Actual Result	Status

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1.	Check if the username field accepts the input of thirteen characters.	1. Enter the username 2. Enter the password 3. Click on the login	username: geeks for geeks password: geeksforever	Login unsuccessful	Login unsuccessful	Pass
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Submission Guidelines

- Format: Teams are required to submit their project documentation as a PDF.
- Submission Method: The completed document should be uploaded through the classroom platform by the specified deadline.
- You should submit one pdf file with naming convention:

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ID1_ID2_ID3_ID4.pdf

- Each TA will post a submission link for his/her groups, so please submit the file to the link of your group

Deadline

Friday 27 December 2024 at 11.59 PM

No late submissions accepted, no apologies so be sure to submit on time and don't wait until the last second

Grading Criteria

Phase 2 update	2
Scope defined correctly	3
TestCases Desing template	Each team member should design 3 test cases , total Grade 5