2-Week QA Automation Training Program with Selenium and Python

Exercises:

- **Write a summary highlighting the key concepts learned in the course.**

  1 - Software Development Life Cycle
  2- Testing Activites
  3- Bug reporting
  4- Bug life cycle
  5- Bug Reporting Practice
  6- Software Requirement Specification
  7 - Test Case and Checklist
  9 - Black Box Testing
  10 - Black box testing vs White box testing
  11 - Testing mindset
  12- Black Box Testing Techniques
  14-Negative Testing
  15- Smoke and Sanity Testing
  16-Regression Testing
  17- Risk Based Testing
  18- Static and Dynamic Testing
  19- Test Planning and Estimation
  20- Development and Testing Environments
  21- Advanced Testing Concepts Practice
  22- Backend Testing
  23- API Testing
  24- API Testing with Postman
  25- Web Application Testing
  26- Web Application Testing Practice
  27- Mobile Testing Strategy
  28- Mobile Application Testing
  29- Mobile Testing Practice
  30- Backend, Web and Mobile Testing Practice
  31- Jira for Bug Reporting
  32- GitHub for Bug Reporting
  33- Confluence for Documentation
  34- TestRail for Test Case Management
  35- TestLodge for Test Case Management
  36- Waterfall Model
  37- V Model
  38- Agile Process Management
  39- Localization Testing
  40- Accesibility Testing
  41- Usability Testing

42- A-B Testing

43- Agile Testing

44-Test Automation

45- How to prepare a great Software Tester resume

46- Preparation for Software Tester interview

47-Software Testing Interview Questions

- **Design test cases for a sample application or website (STD- Software Test Description document – template will be provided).**
- **Create a defect report for a given scenario and prioritize the defects**

website: https://softwaretestingmasterclass.com/web-application-testing/

Number	Test Name	Description (Action/Steps)	PreCondition	Test Data	Priority	Expected Result	Tester	Status
1	user accounts	User with two bank account can observe both accounts in the account list Steps: 1- Log into banking portal with a correct user credentials 2- From main menu, click "bank accounts" button	User should have two active bank accounts		High	User will observe two accounts in the account list	Ozan	Not Tested
2	user accounts	User with positive balance can observe the amount next to the account number Steps: 1- Log into banking portal with correct user credentials 2- Direct to "bank accounts" and observe the balance	User should have positive balance		Medium	User will observe positive balance next to the account information	Paul	Not Tested
3	user accounts	User with negative balance can observe the amount next to the account number Steps: 1- Log into banking portal with correct user credentials 2- Direct to "bank accounts" and observe the balance	User should have negative balance		MEdium	User will observe negative balance next to the account information	Ozan	Not Tested

Develop a test plan for a fictional project, including objectives, scope, and timelines (Software Test Plan)

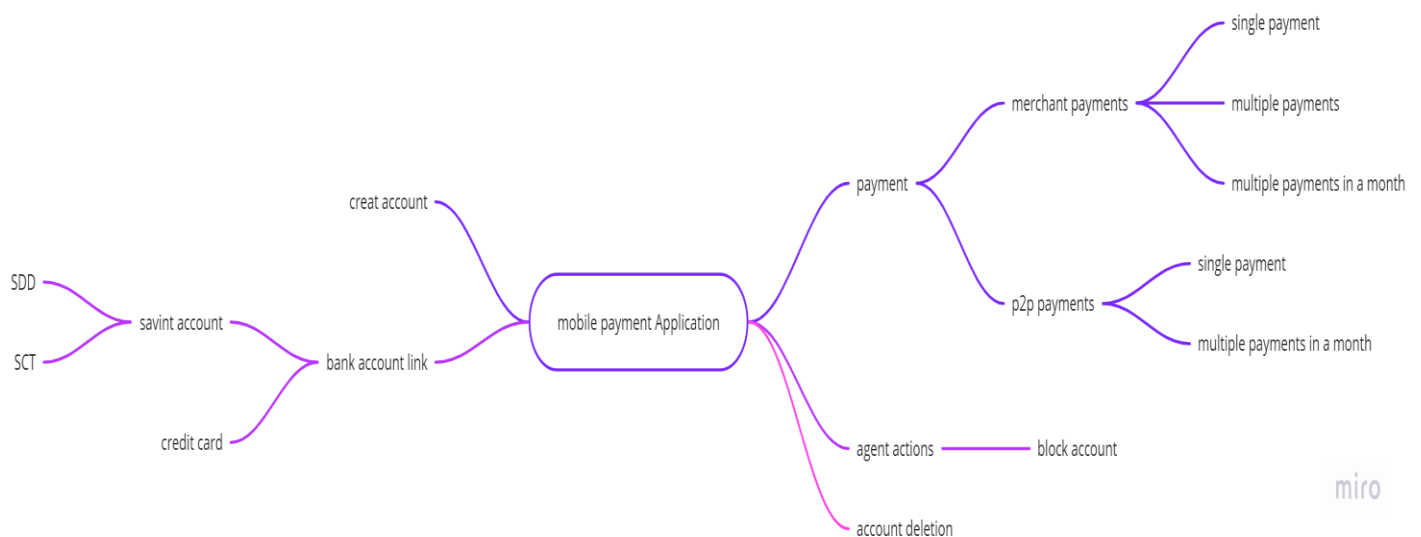**Title:** Mobile Payment Application

Requirement:

We received the following information from the PO (Product Owner). To use this application, firstly, users need to create a personal account. After that, they can link saving accounts or credit cards to the application. For savings accounts, users can select SDD (SEPA Direct Debit) or SCT (Single Credit Transfer) link types. Users can scan a Merchant QR code to initiate a payment. If they have enough credit limits, they can successfully make a payment. Due to security reasons, the maximum single payment amount can be 1000 euro. Users can make up to 5000 euro payments a day and 20000 euro payments a month.

Users also can make p2p payments. (peer-to-peer). For p2p payments, the single payment limit is 100eur and users can make up to 500 euro pp2 payments a month.

An agent can block a user anytime. Blocked users can't make a payment.

Users can remove their accounts via the app.

Backlog	13	In progress	0	Done	0	Untitled	0

Account Creation | 2

As a user, I can successfully create an

As a user, i will fail to create an account with missing information

Bank Account Manageme... | 4

As a user, I can add Credit Card to my

As a user, I can add a saving bank account to my account via SDD method

As a user, I can add a savings bank account to my account via SCT method

As a user, I can't add invalid credit card to my account

Payments | 5

As a user, I can successfully make a merchant payment

As a user, I can successfully make a p2p payment

As a user, my payment will fail If i try to pay 1001 euro to the merchant

As a user, I can successfully make 5

As a user, I can make total 20.000 euro payment in 1 month.

Agent Actions | 1

As an agent, I can block a

Account Actions | 1

As a user, I can remove my account via the bank

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