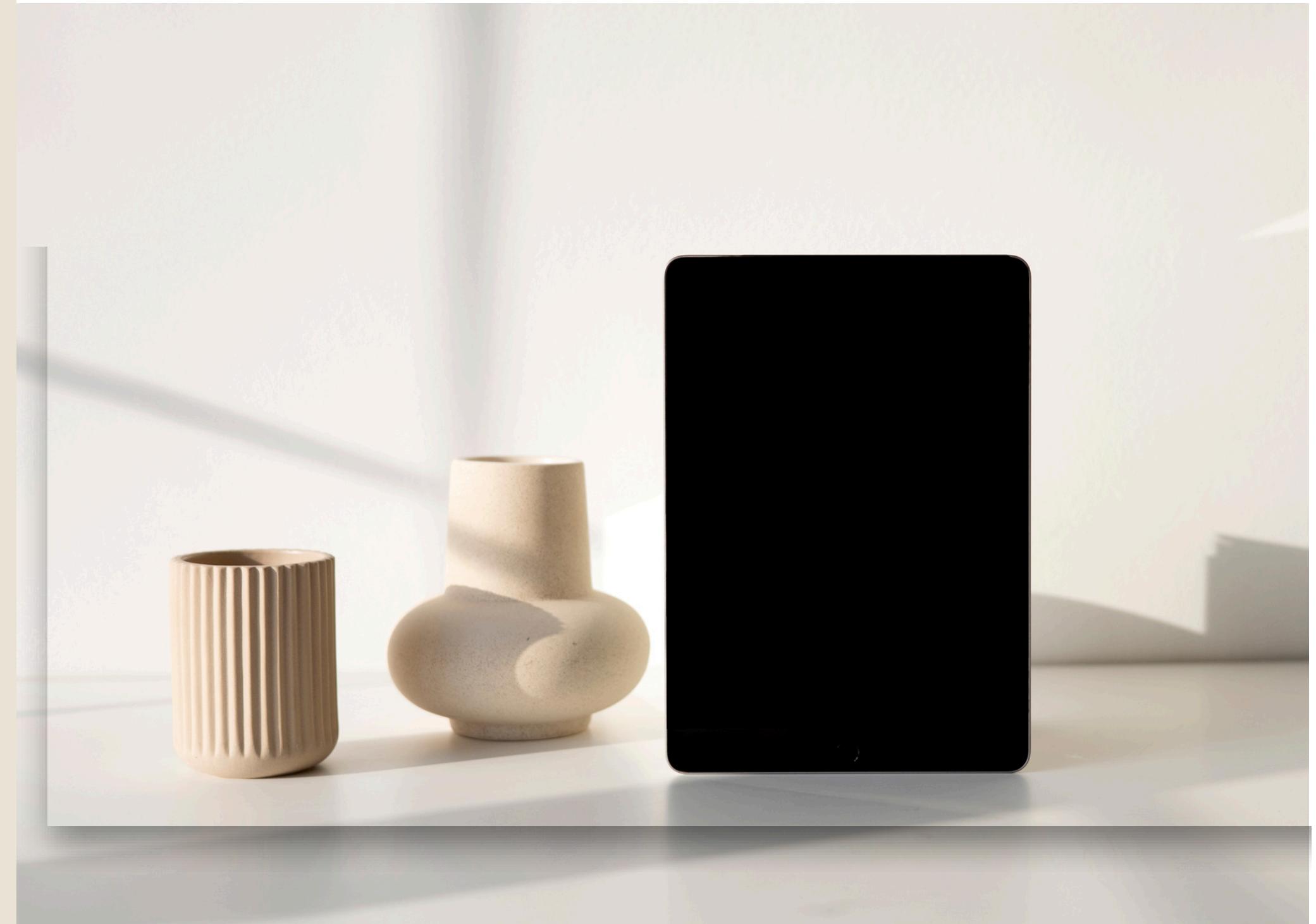


Java presentation

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2024

Group : Shatta



Introduction

PROJECT CONTEXT

As international students, we were confronted with a number of problems when we came to the US. One of them is managing finances within the shared apartment.

- Managing group expenses was confusing and chaotic.
- Manual tracking led to errors and frustration.
- This problem affected us and other shared living situations.
- Solution: A budget app for transparent and efficient group expense management.



Summary



IMPORTANT POINTS

THE MANAGEMENT

OUR EXPERIENCE

PROJECT SIMULATION

**THE FUTURE OF OUR
PROJECT**

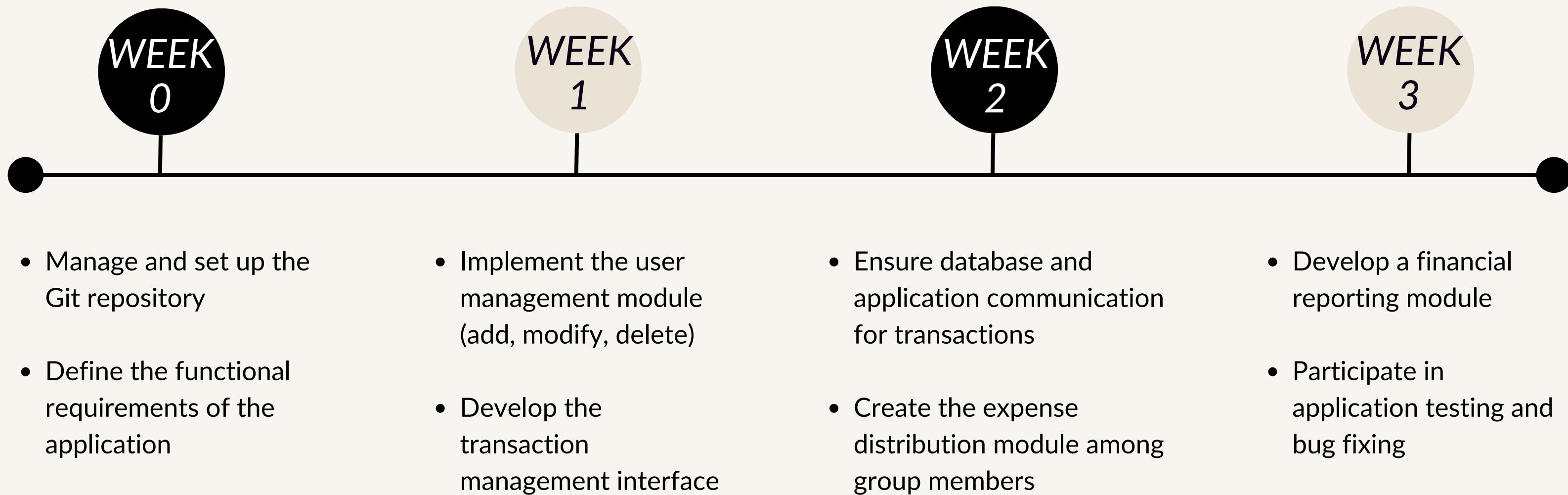
Important Points

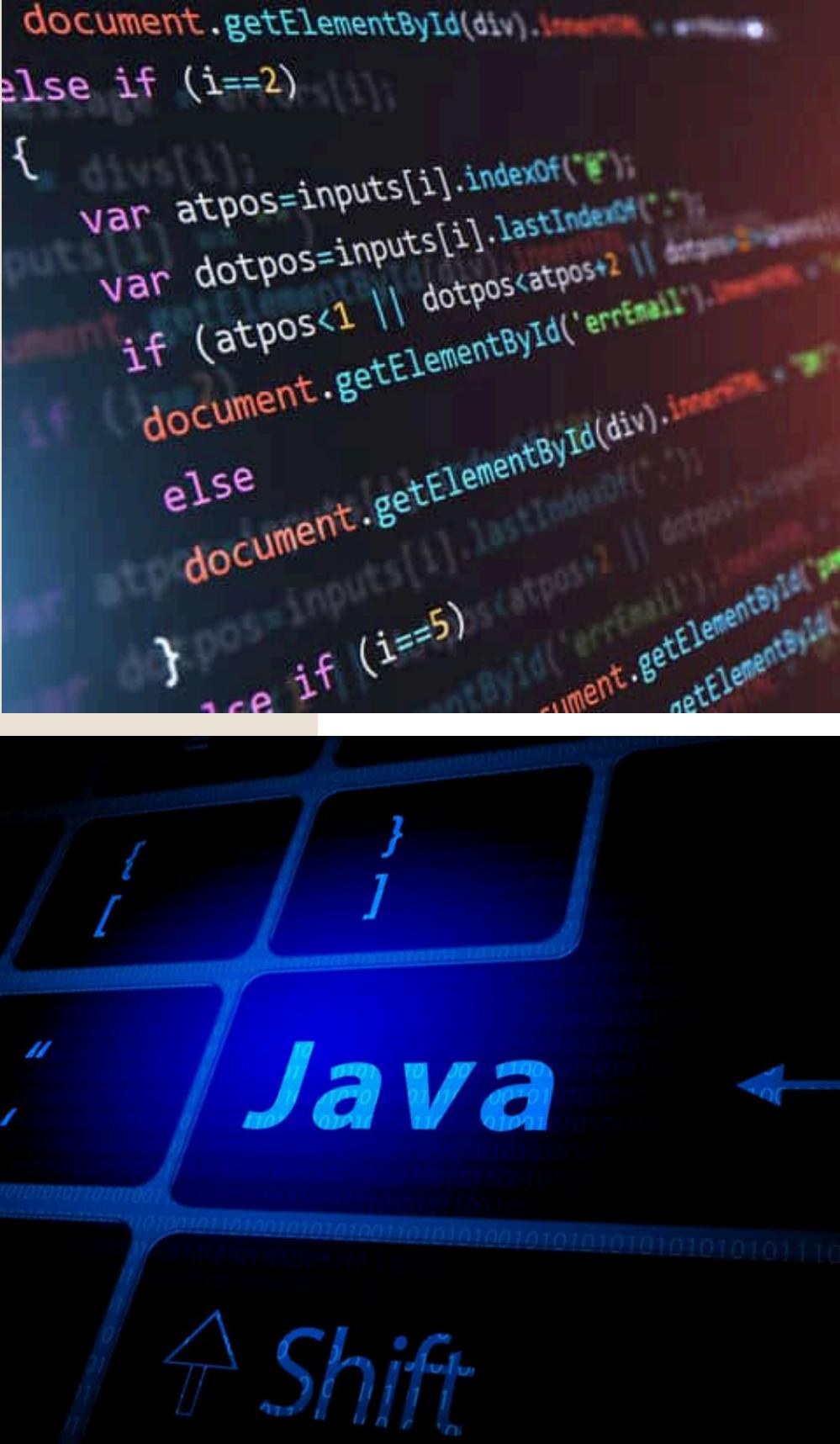
INTEGRATIONS

- Log each member's expenses to maintain clear records for the group.
- Visualize total group expenses and individual contributions.
- Automatically split shared expenses among group members to ensure fair contributions.
- Easily add, modify, or delete transactions.
- Update records in real-time for accurate budget tracking.
- Generate reports that summarize total expenses, individual shares, and balances.
- Provides a clear overview of the group's financial status.
- Simplify reimbursements by allowing users to enter their bank details (RIB) for direct processing. (In future)

-  **Track individual and group expenses.**
-  **Distribute automatically expenses among members**
-  **Add, modify, and delete transactions**
-  **Generate financial reports**
-  **Refund management**

The Management





Our experience

1 IMPROVEMENT IN JAVA

Discovery of libraries, more in-depth use of java, use of MariaDb for the SQL part

2 INNOVATION

Looking for an innovative project idea that could be useful to us, creating several functions to make the project complete

3 TEAMWORK MANAGEMENT

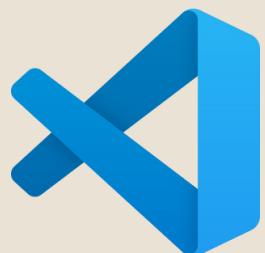
Learn to work in a team, using github. Plan tasks and meet deadlines

4 SOLVING PROBLEMS

Learn to solve problems using different sources (java documentation, geeksforgeeks, youtube, etc.)

Project simulation

VISUAL STUDIO CODE



The future of our project

- Correct and fix bugs
- Create your own account
- Create and send connection links
- Add distribution modes
- Add pictures for payments
- Create a phone application
- Customize the interface



Thanks.

IF YOU HAVE ANY QUESTIONS, PLEASE DON'T HESITATE !

GITHUB LINK :

[https://github.com/Maeell04/Budget-
Management-System](https://github.com/Maeell04/Budget-Management-System)