

Limkokwing

PRODUCT MANAGEMENT

Presented by Group 4

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PROJECT TITLE

Description

- Aim to create a platform for product management
- Seamless addition, viewing, updating, and deletion of items
- Shopping cart features and more



PROJECT OVERVIEW

- Goal: Create a e-commerce system for our client
- Objectives: an app with CRUD functionalities and multi-role features



PROJECT SCOPE

What is included?

- CRUD functionalities
- User authentication
- Admin dashboard

What is excluded?

- Third party integrations with other services

Deliverable

- Functional CRUD application
- Multi-role function
- User authentication
- Admin dashboard for product management
- Figma Mockup



PROJECT SCOPE

Milestones

- Milestone 1: Finish Designing Figma Mockup
- Milestone 2: Implementation of user authentication system and Back-end
- Milestone 3: Documentation and Slide Presentation
- Milestone 4: Finalization phase

Acceptance Criteria

- Successful implementation of CRUD operations
- user authentication and role-based access control.
- Admin dashboard

Assumption

- Sufficient development tool and technology

Constraint

- Time constraint



PROJECT ARCHITECTURE

- Offline application
- Local database
- CRUD functionalities
- No required internet connection to access



PROJECT METHODOLOGY

7 Steps of App Development:

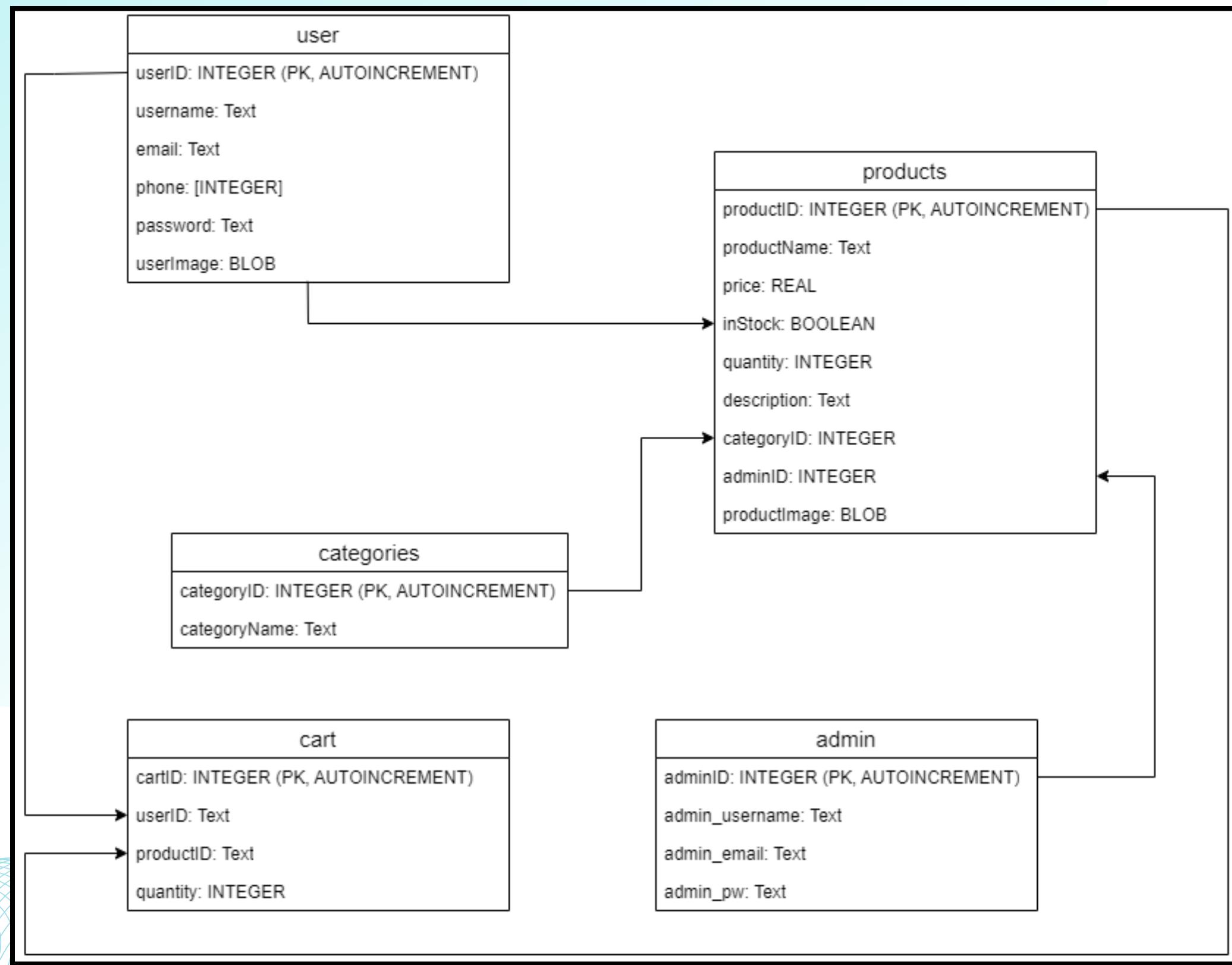
1. Ideation: Brainstorm the app's concept.
2. Requirement Analysis: Define functionalities through user scenarios.
3. Constraints: Set limitations and boundaries.
4. Design & Prototyping: Craft the app's look and feel.
5. Development: Code the application.
6. Testing: Ensure functionality and identify bugs.
7. Deployment: Release the app to users.



PROJECT TIMELINE

| ID. | TASK | Week 1 | Week 2 | Week 3 | Week 4 |
|-----|---|--------|--------|--------|--------|
| 1 | Figma Designing Process start | | | | |
| 2 | Re designing the mock up | | | | |
| 3 | Start Coding | | | | |
| 4 | Implement the back-end of the application | | | | |
| 5 | rewriting the back-end into SQLite | | | | |
| 6 | Documentation and slide preparation | | | | |
| 7 | Finalizing everything | | | | |

UML DATABASE



USER INTERFACE DESIGN

Login

Email

Password

Remember me Customer

Login

Sign Up

Register

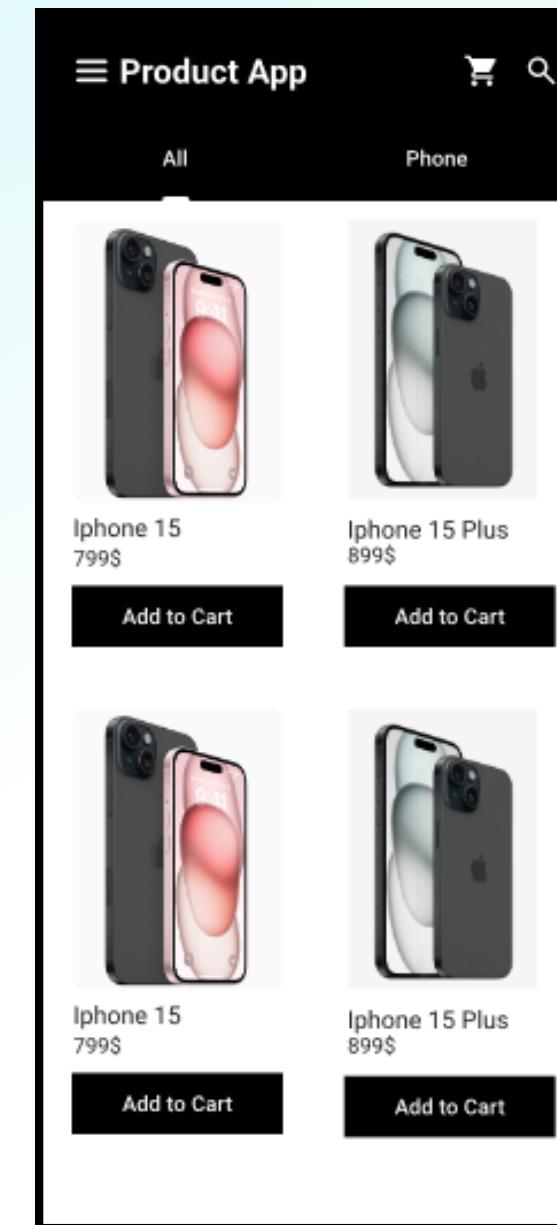
Email

Password

Confirm Password

Remember me Customer

Login



Profile

Back

Username: MG

Email: Not set

Phone: Not set

Password: 123

Edit

Upload Product

Product name

Product price

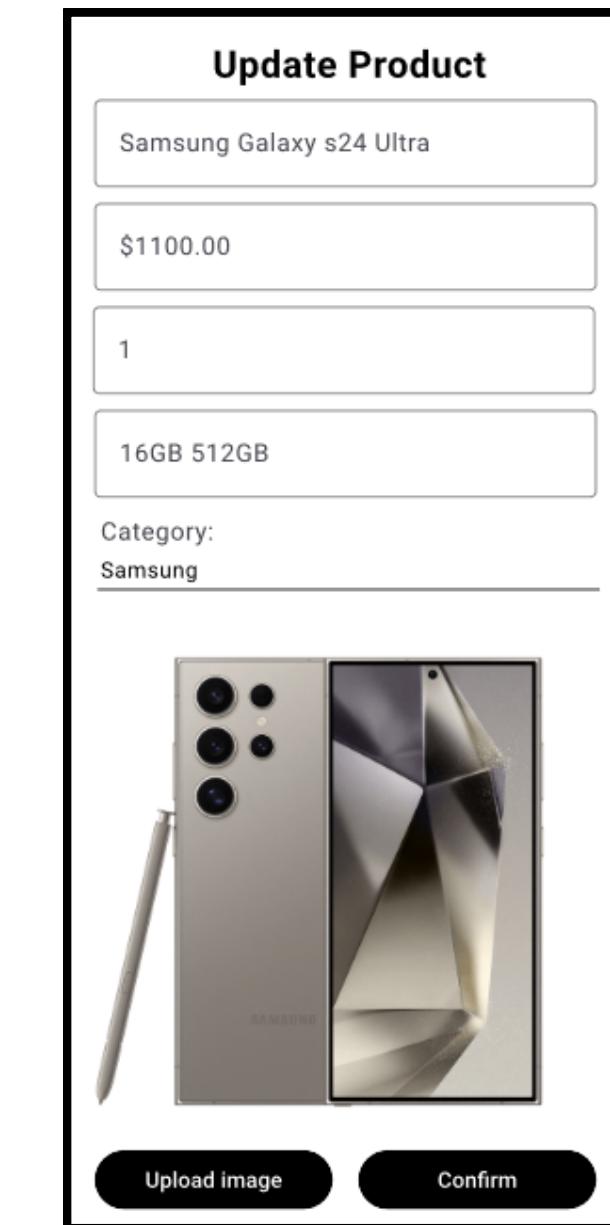
Quantity

Description

Category: Enter or Select Category

Create New Category

Upload image **Confirm**



PROJECT TEAM STRUCTURE

- Hing Zodiac Jack: Team Leader, Database, Front-end, and app functions
- Socheat Sovichea: app functions, UI, and CRUD implementation
- Hak Monghout: UI, Database diagram, and app functions
- Soy Rithy: Documentation, UI, and app functions
- Chy Sovan: UI, and app functions



FUTURE PLAN

- Use FireBase Instead
- Better UI/UX
- More Product
- Setting
- Help Section
- Customization on User profile
- More Login Options

