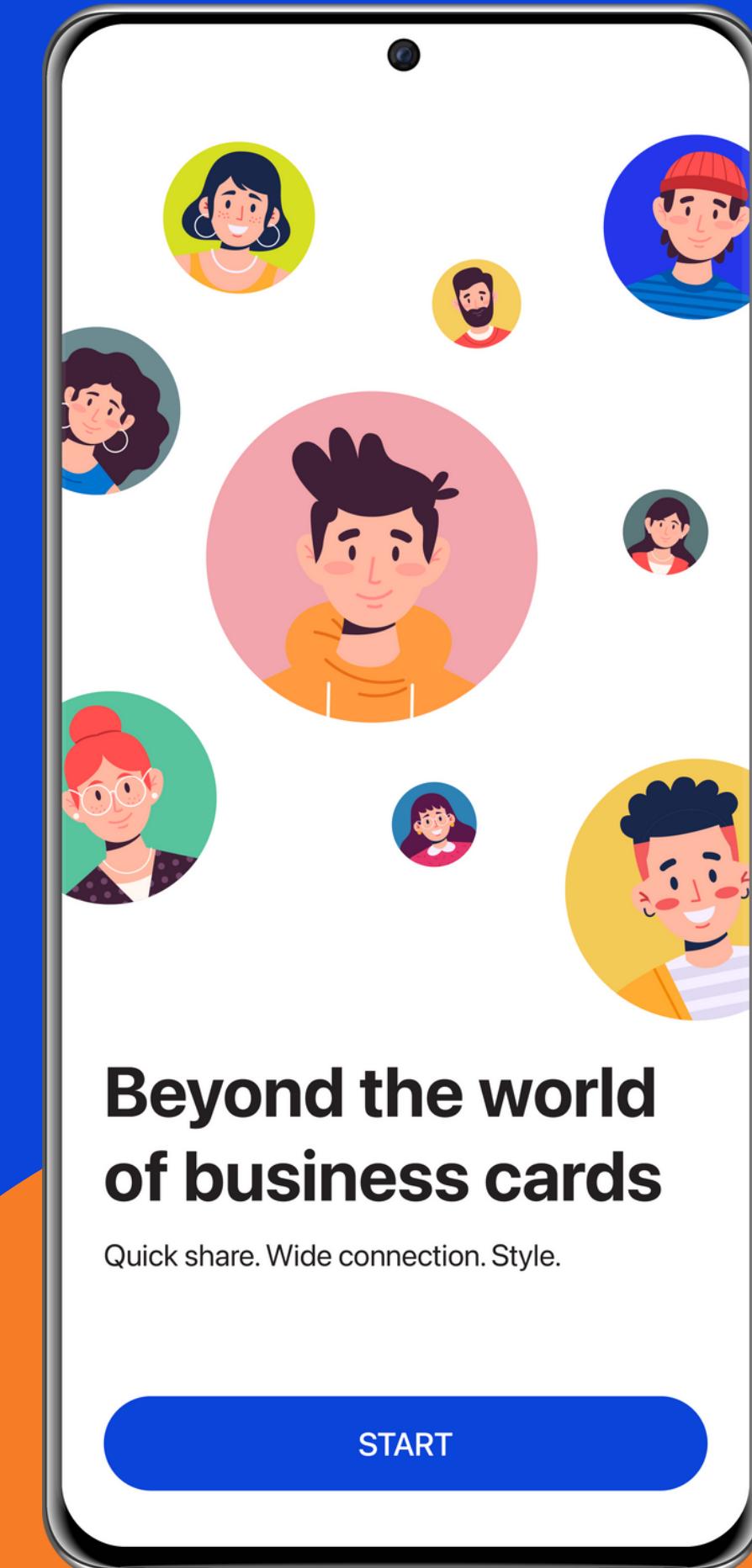


Capstone Project Summer 2021

Information Sharing System

Beyond the world of business cards

Quick share. Wide connection. Style.



Instructor



Pham Ngoc Ha

Project Team



Nguyen Danh Tu



Nguyen Minh Duc



Nguyen Thanh Thanh



Vuong Manh Linh



Tran Hoai Phan Anh

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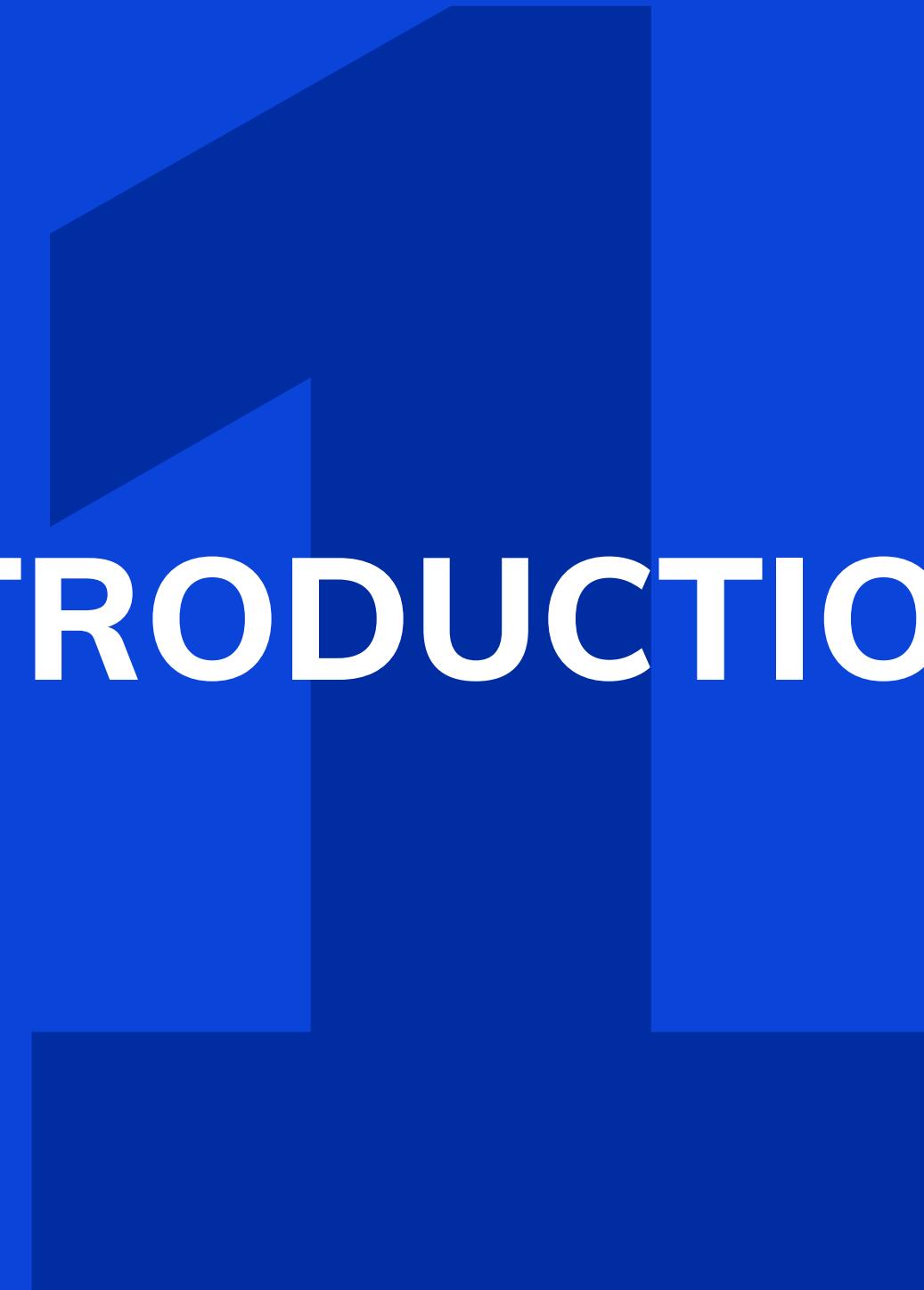
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INTRODUCTION

Background

Business cards are a staple of the corporate and professional world.

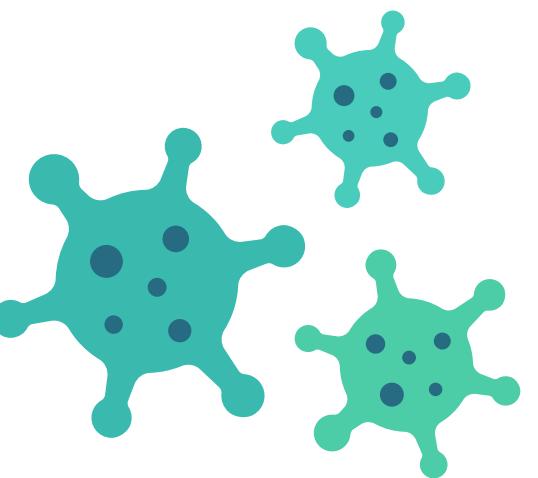
In the digital era, it's essential to also use digital business cards to share all of your contact details in one convenient view.



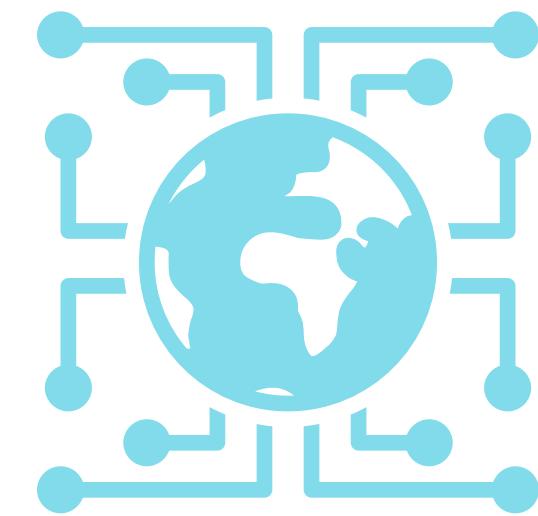
3 points



**Environmental
Protection**



Covid-19



**Digital
Transformation**

Research

In 2017, Credit Donkey - Business Card Statistics

**Even in today's digital age
27 million
business cards
are printed daily.**

**Loss
6 million
trees per year.**

**Almost
88%
of them are thrown away.**

Existing System

1. Switchit



The homepage of the Switchit website features a dark background with four diverse business professionals (three women and one man) looking at their smartphones. The text "Digital Business Cards for any industry." is prominently displayed in white. Below this, a subtitle explains that Switchit's platform makes designing a card simple, convenient, and reliable. It includes download links for the App Store and Google Play, and a "Watch the video" button.

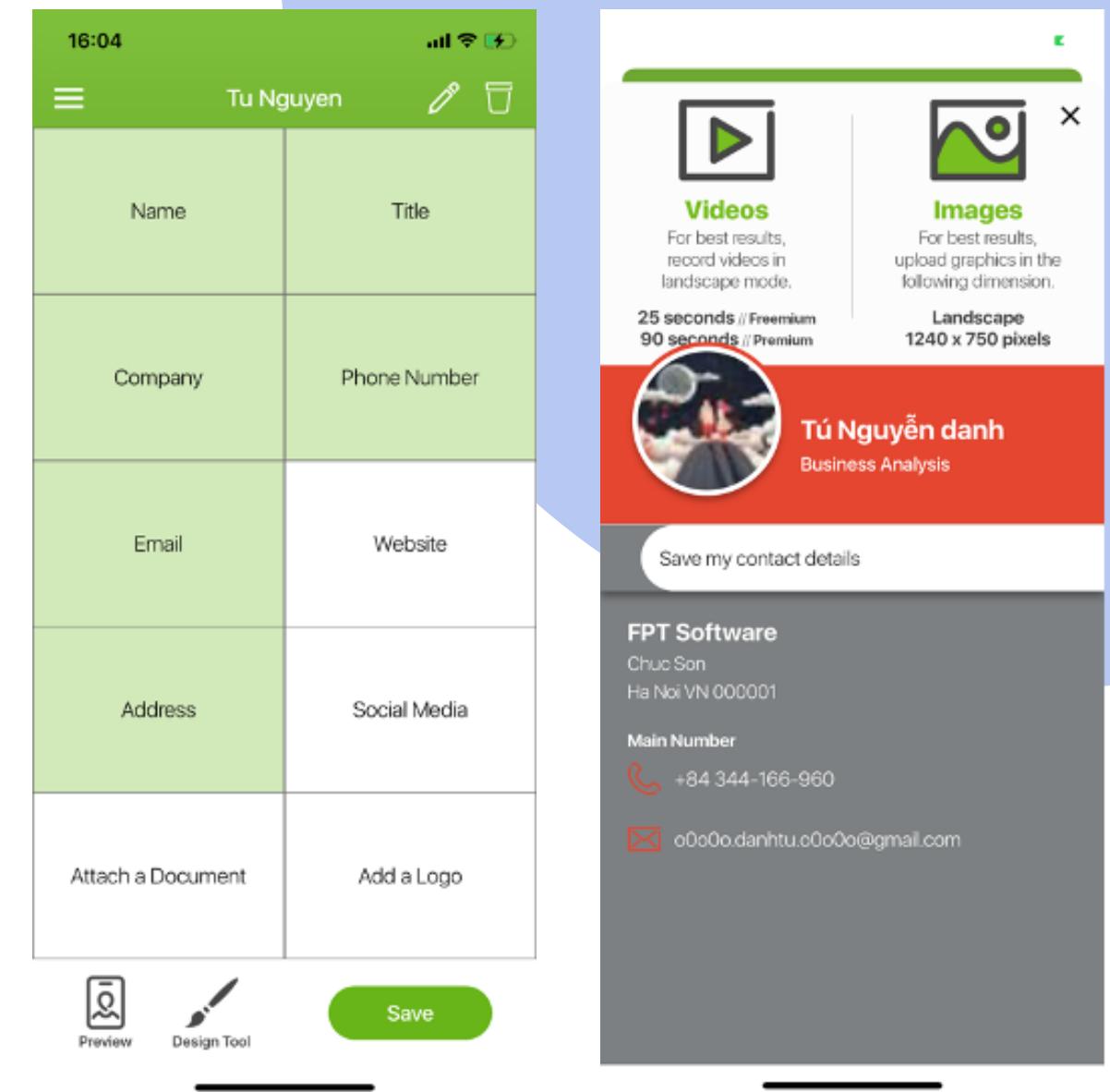
switchit

COVID-19 Why Switchit? Premium Pricing Virtual Backgrounds for Zoom Blog Sign in

Digital Business Cards for any industry.

Switchit's digital business card platform makes designing a card simple, convenient, and reliable—create what you need in no time!

Download on the App Store GET IT ON Google Play Watch the video >



The mobile application interface shows a contact card for "Tu Nguyen". The card fields include Name, Title, Company, Phone Number, Email, Website, Address, Social Media, Attach a Document, and Add a Logo. To the right of the card, there are sections for "Videos" and "Images" with specific upload instructions. A preview of the contact card is shown at the bottom, along with "Save my contact details" and "Save" buttons.

16:04 Tu Nguyen

Name	Title
Company	Phone Number
Email	Website
Address	Social Media
Attach a Document	Add a Logo

Videos For best results, record videos in landscape mode. 25 seconds // Freemium 90 seconds // Premium

Images For best results, upload graphics in the following dimension. Landscape 1240 x 750 pixels

Tú Nguyễn danh Business Analysis

Save my contact details

FPT Software
Chuc Son
Ha Noi VN 000001
Main Number
+84 344-166-960
o0o0.danhtu.o0o0@gmail.com

Preview Design Tool Save

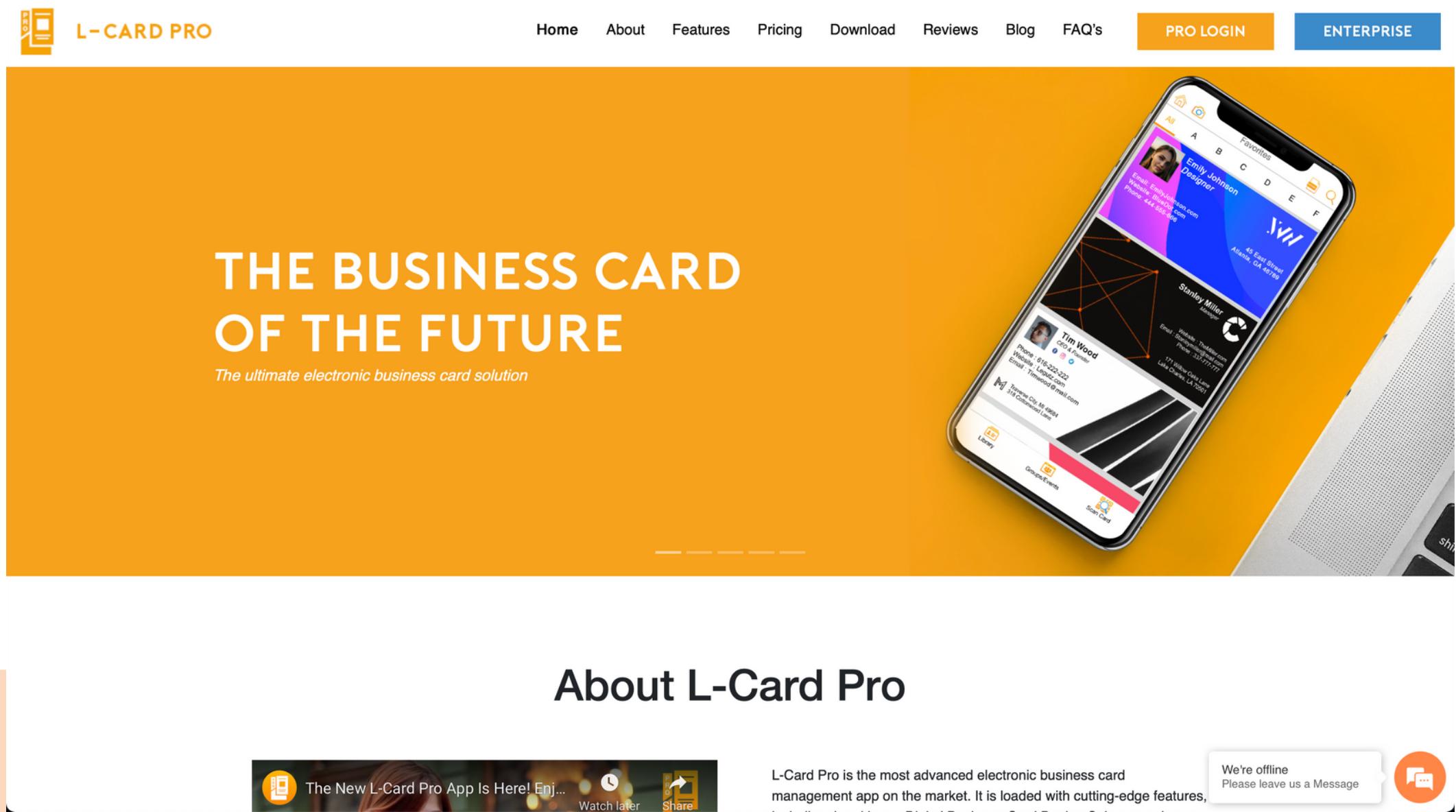
switchit

- Switchit is also a great option because the recipients don't even need the app to view your card.
- Switchit focuses on simplicity.
- The pre-built templates and designs have already taken care of most of the work for you.



- Share your digital business card with anyone.
- Safo focuses on user-friendly design.
- Using Safo's state-of-the-art Card Design Suite.

2. L - Card



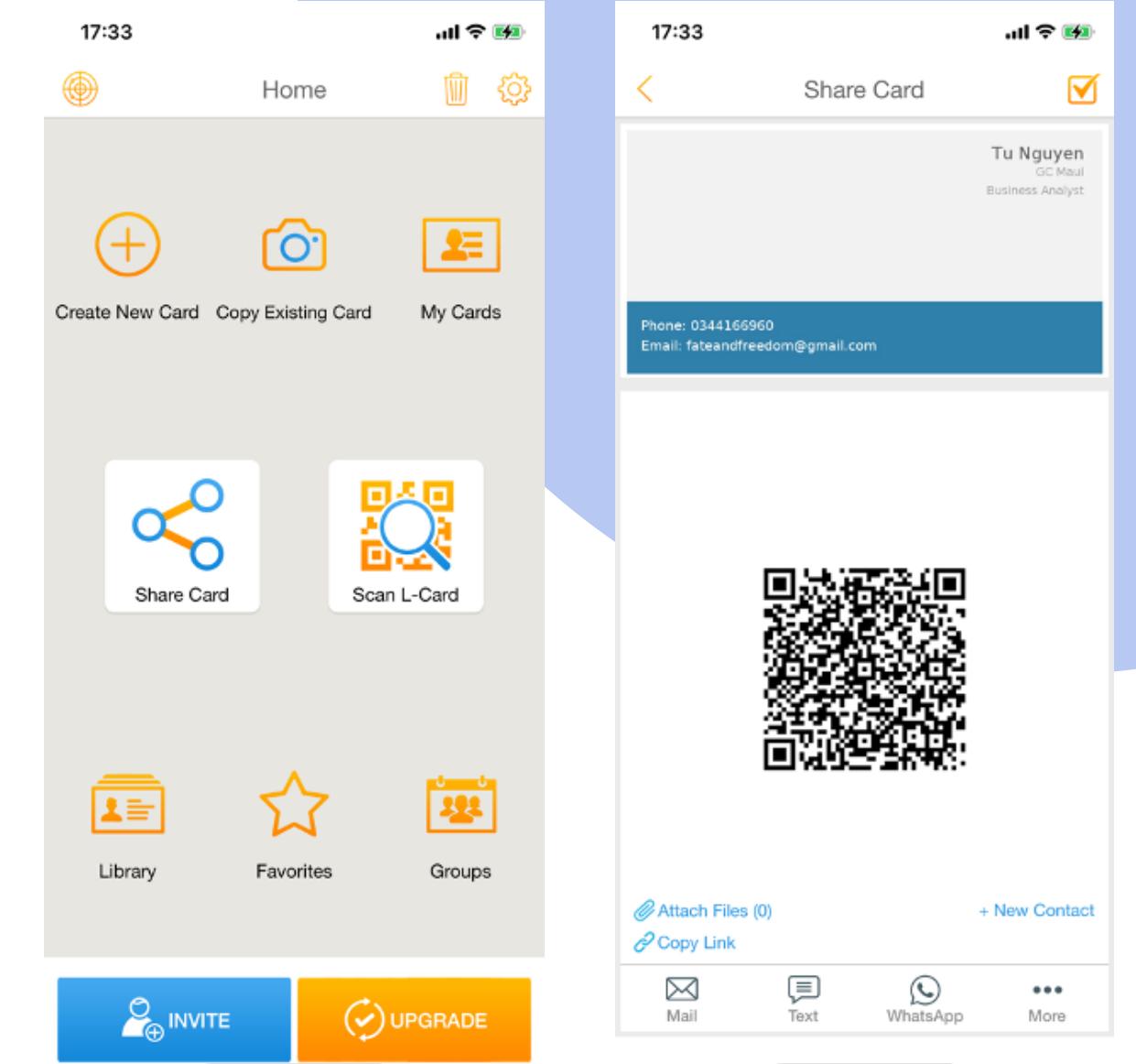
The L-Card Pro website features a large orange header with the text "THE BUSINESS CARD OF THE FUTURE" and a subtext "The ultimate electronic business card solution". Below the header is a smartphone displaying the L-Card Pro app interface, which shows a grid of business cards. The navigation bar at the top includes links for Home, About, Features, Pricing, Download, Reviews, Blog, FAQ's, PRO LOGIN, and ENTERPRISE.

About L-Card Pro

L-Card Pro is the most advanced electronic business card management app on the market. It is loaded with cutting-edge features, including:

- The New L-Card Pro App Is Here! Enjoy it now!
- Watch later
- Share

We're offline
Please leave us a Message



The mobile application interface shows a central screen with icons for creating new cards, copying existing ones, viewing my cards, sharing cards, and scanning QR codes. Below this are sections for Library, Favorites, and Groups. A QR code is displayed on the right side of the screen. The top of the screen shows the time as 17:33 and various connectivity icons.

L - CARD

- The interface is clean, simple will takes care of the work for you.
- User experience is very good, anyone can use and customize it easily.
- This app is focused on the mobile experience, prioritizing the iOS and Android apps.



- Call, Text or Email, etc. your contacts directly from a selected card using the quick connect buttons.
- The Card Listing feature allows users save all their friends when they scan another cards.

Advantages of SAFO

01

Create beautiful, personalized digital business cards using Safo's state-of-the-art Card Design Suite (Theme).

02

Call, Text or Email, etc. your contacts directly from a selected card using the quick connect buttons.

03

Adding your eCard to your email signature. This allows your business card to be included in each message you send.

04

NFC - Physical card that can reuse, which make the e-card looking more like the traditional.



PROJECT MANAGEMENT

Project Organization



Nguyen Danh Tu
Project Manager, BA, Designer,
Tester



Nguyen Minh Duc
Back-end Developer,
Technician



Tran Hoai Phan Anh
Back-end Developer

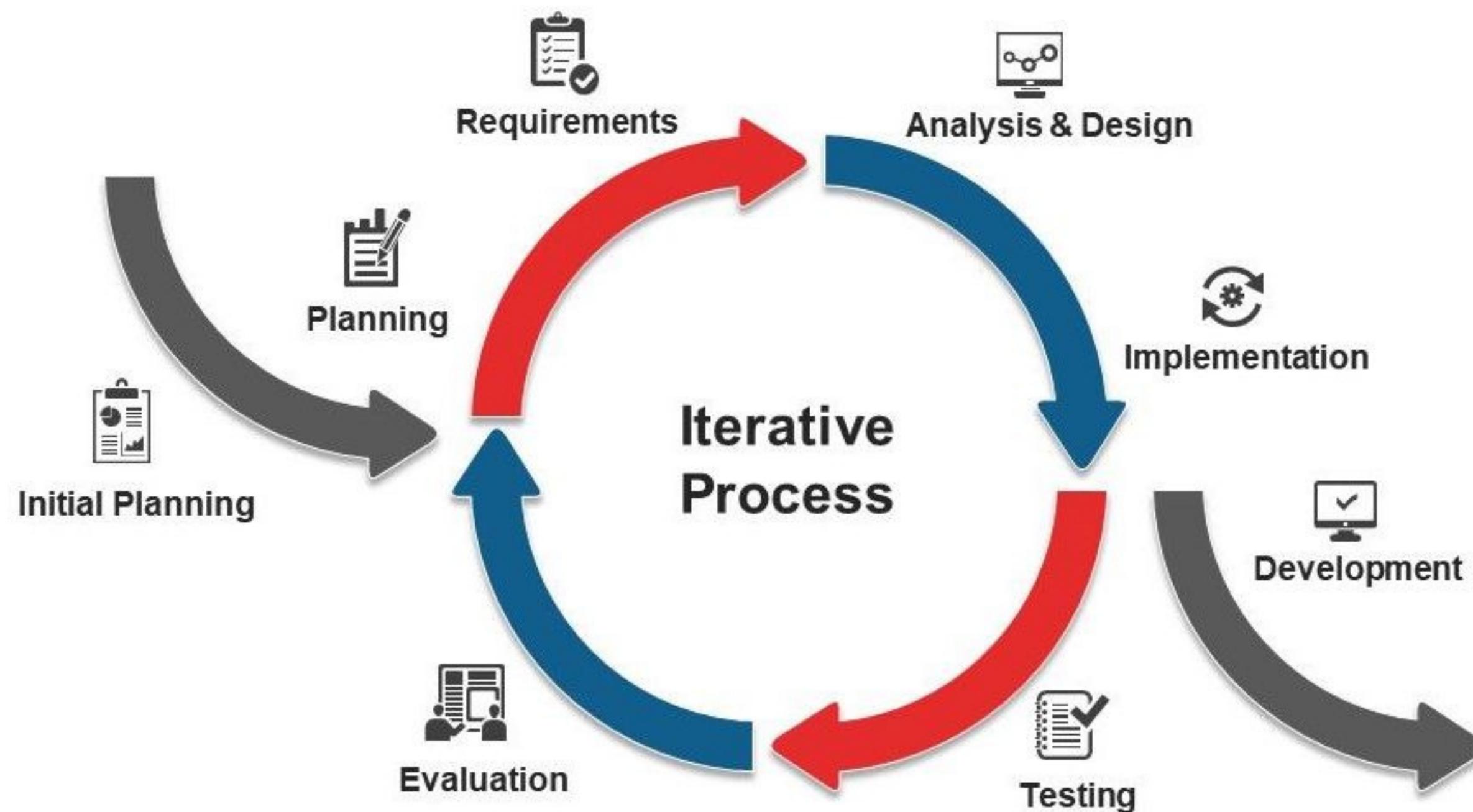


Nguyen Thanh Thanh
Front-end Developer,
Tester



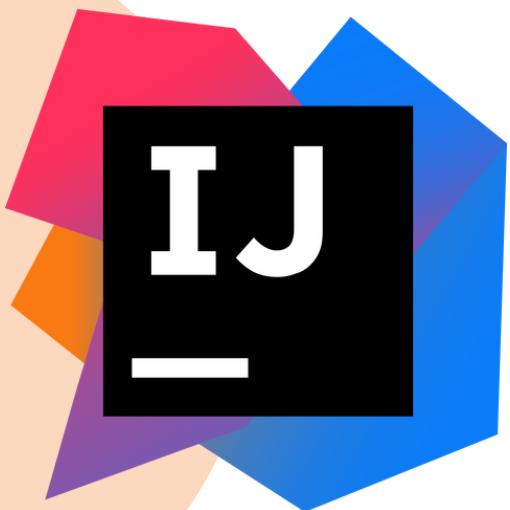
Vuong Manh Linh
Front-end Developer

Software Process Model



Tools & Techniques

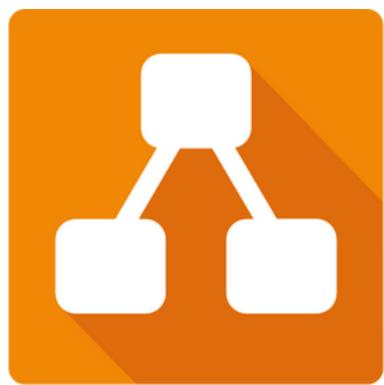
1. Coding



android
studio



2. Design



draw.io



3. Testing



APACHE
JMeter™

4. Deployment



5. Management Tool



Manage Tasks in Trello

The Trello board 'SAFO_SDLC' is organized into six columns:

- Code Review**: Contains one card: "Code Review" (NT).
- Unit Test**: Contains one card: "Report" (1) (NT).
- Create TC System Test**: Contains 17 cards: "Create TC ST - [UC 01]" through "Create TC ST - [UC 17]" (all NT).
- Create TC Integration Test**: Contains 17 cards: "Create TC IT - [UC 01]" through "Create TC IT - [UC 17]" (all NT).
- Execute IT - ST**: Contains 16 cards: "Execute IT - ST" (1), "Coding - UT [UC 37 - 40]", "Coding - UT [UC 41 - 45]", "Coding - UT [UC 50, 51]", "Coding - UT [UC 52]", "Coding - UT [UC 53]", "Coding - UT [UC 54]", "Coding - UT [UC 55]", "Coding - UT [UC 56]" (all NH), and "Testing" (NT).
- Execute Acceptance Test**: Contains 16 cards: "Coding - UT [UC 01]", "Coding - UT [UC 02, 03]", "Coding - UT [UC 04]", "Coding - UT [UC 05]", "Coding - UT [UC 06 - 09]", "Coding - UT [UC 10 - 12]", "Coding - UT [UC 13 - 15]", "Coding - UT [UC 16]", "Coding - UT [UC 17]", "Coding - UT [UC 18 - 20]" (all NT).

Manage Bugs in Trello

The Trello board 'SAFO_Bug Management' is organized into four lists:

- UT - App Bug**:
 - [Premium] Update sẽ có 1 Theme đặc biệt
 - [Layout] Chính lại tất cả các Demo Card theo mẫu trong "Add" và GONE
 - [Translate] Liệt kê những chỗ chưa Translate
 - Khi đổi ngôn ngữ, chưa lưu lại lựa chọn
- UT - App Bug Done**:
 - [Email Signature] Chính màu icon giống màu xanh của Logo
 - [Edit Scanned Card] Lỗi về Favorite
 - [Update Group] Lỗi cập nhật thành viên
 - [Lock Account] Các thẻ đã được share không thể share cho người khác được nữa. (Bỏ đi phần QR code và Card Code)
 - [Create Card, Edit Card] Thông tin nào không có thì không hiện
 - [Normal - Premium] Giới hạn người dùng
 - [Avatar Default] Chưa có
 - [Add] Không click được vào "Add" ở màn Home
- UT - Web Bug**:
 - + Add a card
- UT - Web Bug Done**:
 - [Verify OTP khi nhập sai Password nhiều lần ở Login] Chưa làm màn hình
 - [Reset Password, SIGN UP] Thay đổi một vài UI
 - [Premium] Tiếng Nhật bị lỗi hiển thị
 - [Avatar] Lỗi load avatar
 - [Account] Lỗi lưu thông tin cá nhân, phần "Quốc gia" không hiển thị
 - [Premium] Đã Premium thì khi click button "UPGRADE PREMIUM" sẽ hiện thông báo
 - [Logo in tab] Thêm logo vào tab trên trình duyệt
 - [User - Avatar] Chính lại Avatar mặc

At the top of the board, there are several cards with status indicators (green, yellow, red) and some text in Vietnamese. The board also includes standard Trello navigation elements like 'Board', 'Workspace visible', 'Invite', and 'Show menu'.

Project Risks

#	Risk Description	Impact	Possibility	Prevention	Correction
1	Requirement changes.	Medium	Medium	All members discuss carefully the project requirements before starting implementation.	Ensure resources are appropriately allocated to accommodate new requirements.
2	Members have argued, conflicted with others, leads to stressful working environments.	Medium	High	Define clear tasks for each member and agree on ideas before starting work.	All members discuss to resolve the conflict. Voting.
3	Illness or absence of team members so that they cannot complete tasks under deadline.	Low	Medium	Members have to notify the team about illness or absence period and the plan of how to keep up with the work process.	Ensure that the absence of a member won't affect others and always have plans to deal with this problem.
4	Members lack the knowledge and skills to complete a particular task.	High	Medium	Training all members before starting the project.	Members inform about their lack of skills, other team member's support.
5	The library used in the project is no longer supported	Low	Low	Choose a reputable library with active maintenance on GitHub.	Choose alternative libraries or code.
6	Internet connection is down and team members cannot submit work or merge code.	Low	Medium	All developers have to set up the isolated development environment and have an offline copy of the documentation.	Use alternative ways to connect to the internet such as 3G, 4G.

WBS & Estimation

WBS	WBS Items	Est. Effort (man-days)
1	Project Initiating	15
2	Project Planning	25
3	Project Executing	298
3.1	Iteration 1	91
3.2	Iteration 2	137
3.3	Iteration 3	70
4	Project Monitoring and Controlling	25
5	Project Closing	10

Total Est. Effort (man-days): 373

Iteration 1

Focus on

- Define & analyse requirements, business flow
- Design main screen mockup
- Setup environment & create base project

Iteration 2

Focus on

- Design system architecture
- Develop the Safo website
- Develop the Safo application

Iteration 3

Focus on

- Develop the Safo application
- Integrate the payment system

Project Communication

Communication Item	Who/Target	Purpose	When Frequency	Type, Tool, Method(s)
Team weekly meeting	All team members	Review plan, schedule, members' work achievements during the week and report the project's progress and status	8:00 pm every Friday	Offline, online through Facebook, Google Meet
Daily Meeting	Team members	Report the progress that members achieved each day	Daily	Facebook, Messenger, Meet, Gmail
Unscheduled meeting	All team members	When there's a critical problem that needs to be resolved immediately, discuss then solve that problem	When member find important problems	Online through Facebook, Google Meet



SOFTWARE REQUIREMENT SPECIFICATION

Functional Requirement

Total:

Actor: 3

Use cases: 60

#	Actor	Description	Use cases
1	Guest	The user that has not yet registered an account	1
2	User	The registered user	34
3	Admin	People who manage the Safo system	25

Use Case Diagram

Actor: Guest

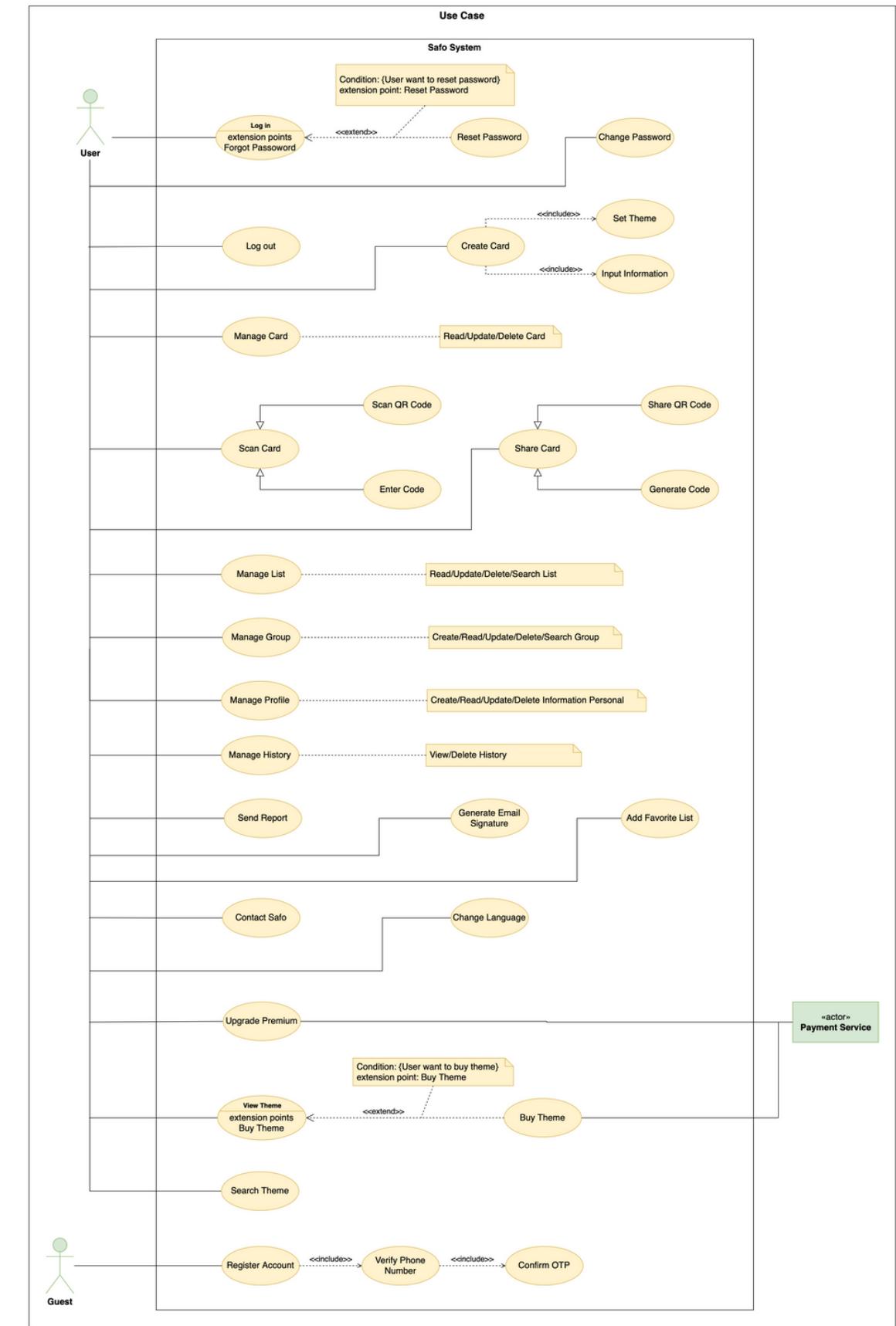
Main use cases:

- Sign up

Actor: User

Main use cases:

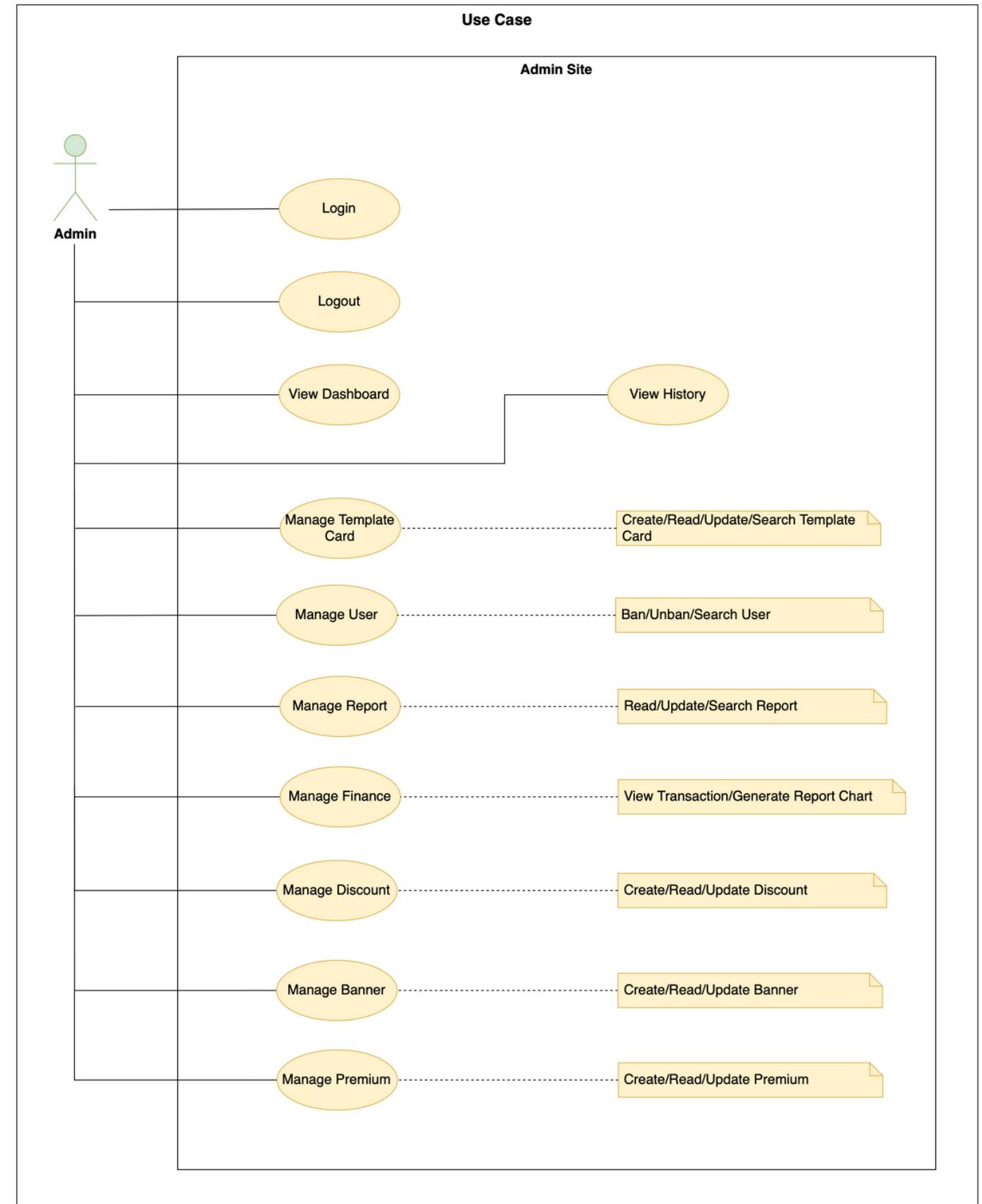
- Manage Card
- Scan Card / Enter Card Code
- Manage List
- Manage Profile
- Generate Email Signature
- Buy Theme
- Upgrade Premium



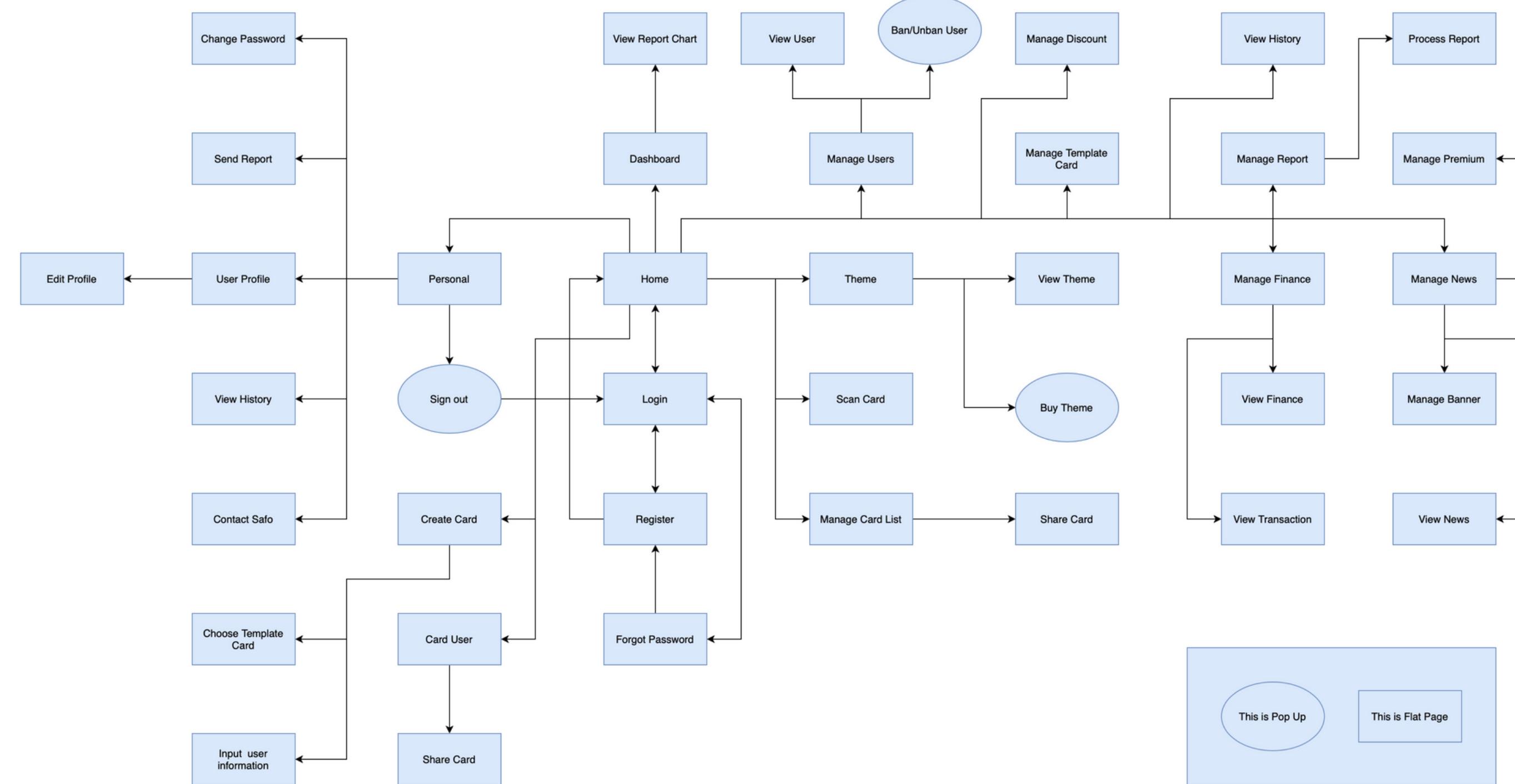
Actor: Admin

Main use cases:

- View Dashboard
- Manage Template Card
- Manage User
- Manage Report
- Manage Finance



Screen Flow

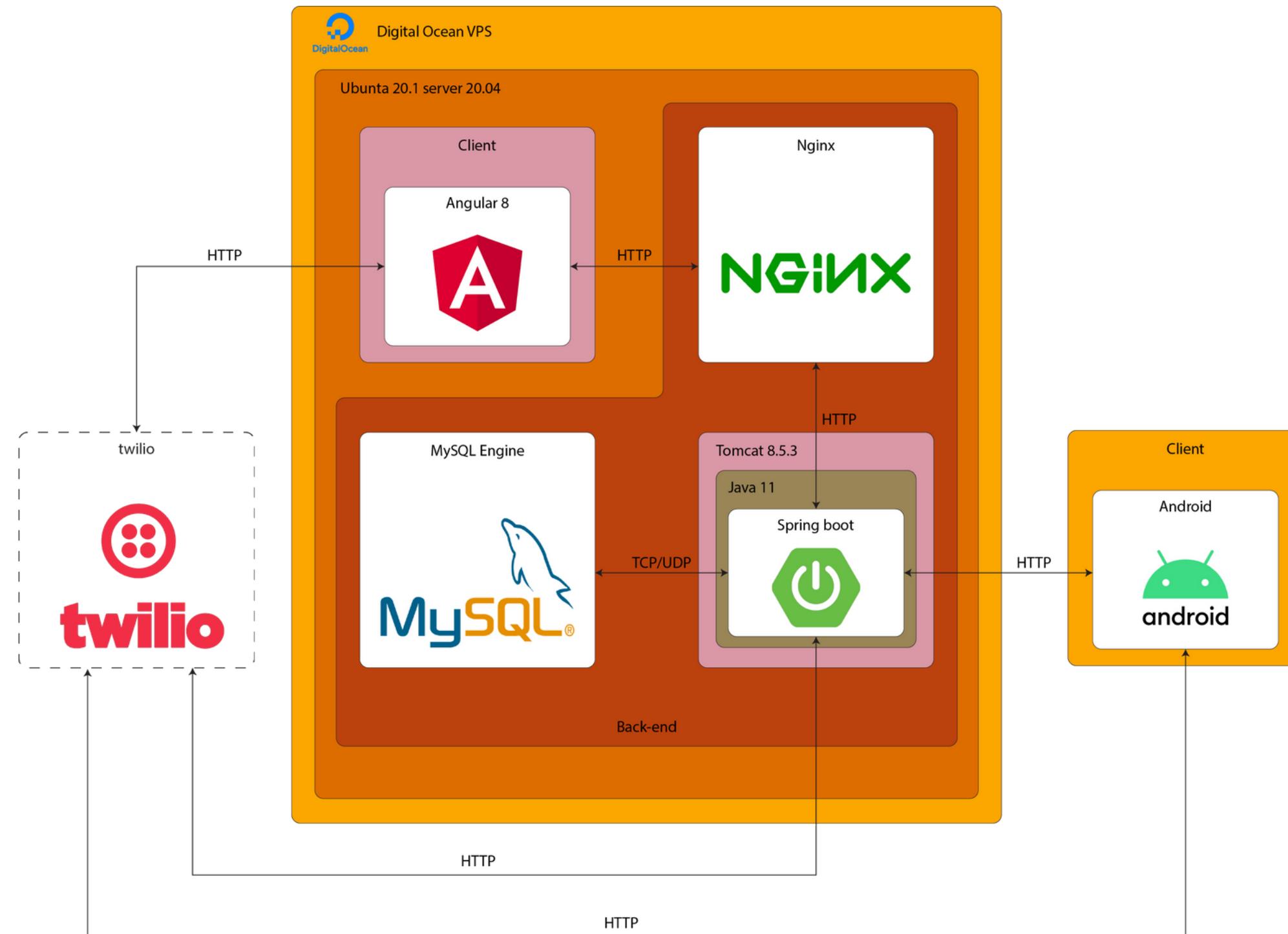


Non-Functional Requirement

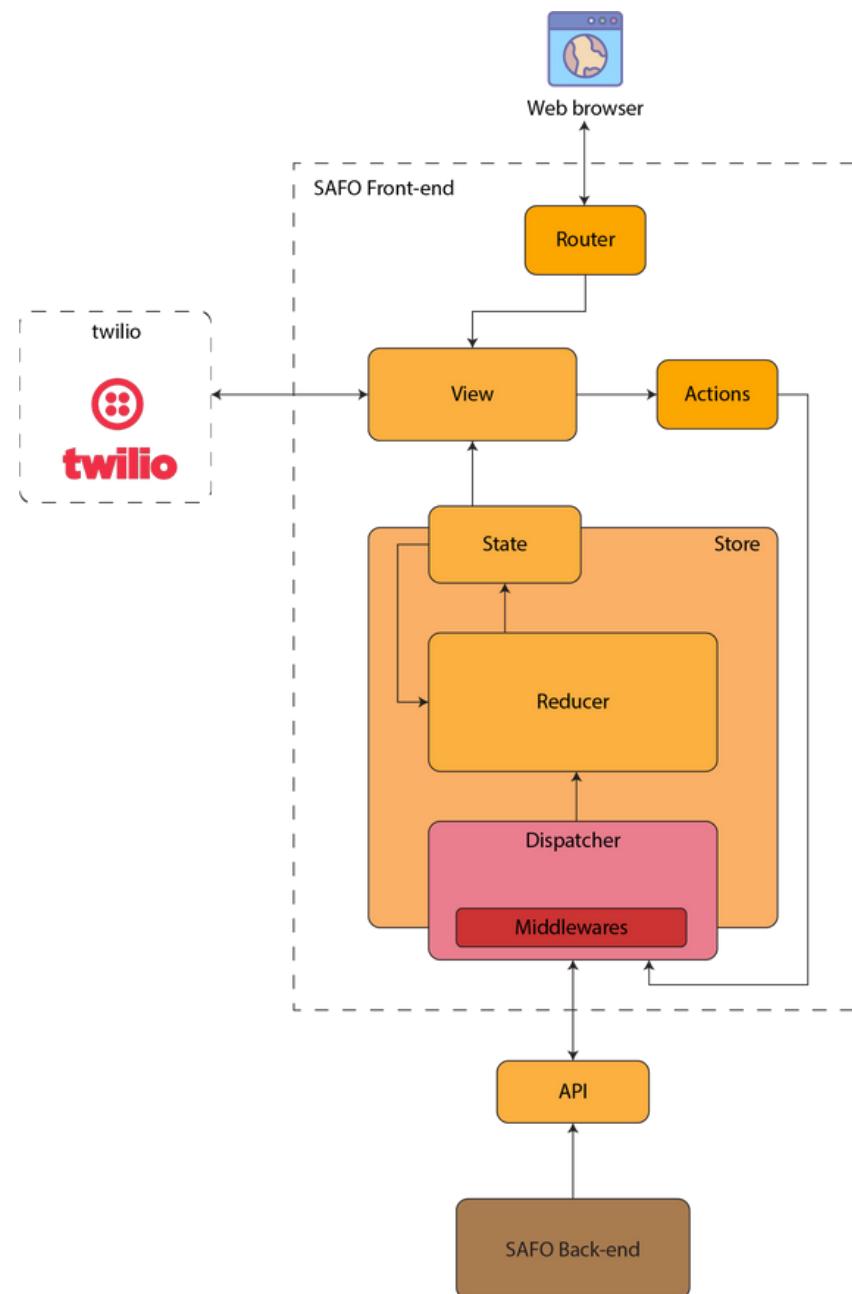
Usability	<ul style="list-style-type: none">The language is Vietnamese, English and Japanese.The user interface of the solution should be elegant, easy to navigate, and user-friendly.All the titles or names of functions should be easy to understand and reflect the purpose of the function.
Reliability	<ul style="list-style-type: none">The uptime system at least 90% day time.The system runs 24/7.The average time it takes to repair the system if a module fails in about 4-8 hours.The CCU performance is up to 200.
Performance	<ul style="list-style-type: none">The deviation of the website after the test is 72 it shows that the current deviation from the average is very low.The average response time value is 283ms.
Security	<ul style="list-style-type: none">The system must use token-based authentication, in which the authentication server returns an access token after the user logged in with username/email and password. Then the client will include the access token in the subsequent requests to access protected resources.

SOFTWARE DESIGN

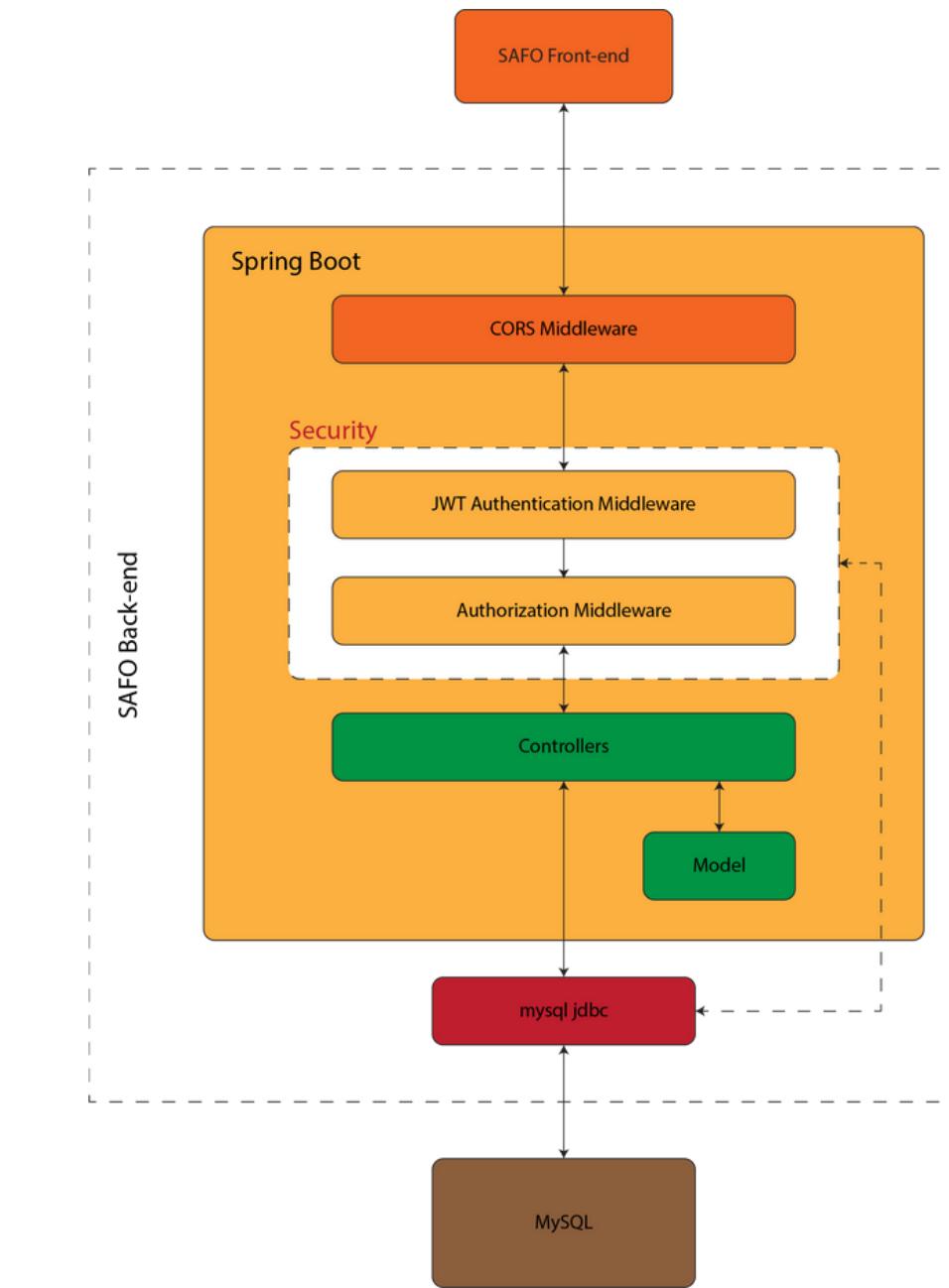
Overall Architecture



System Architecture

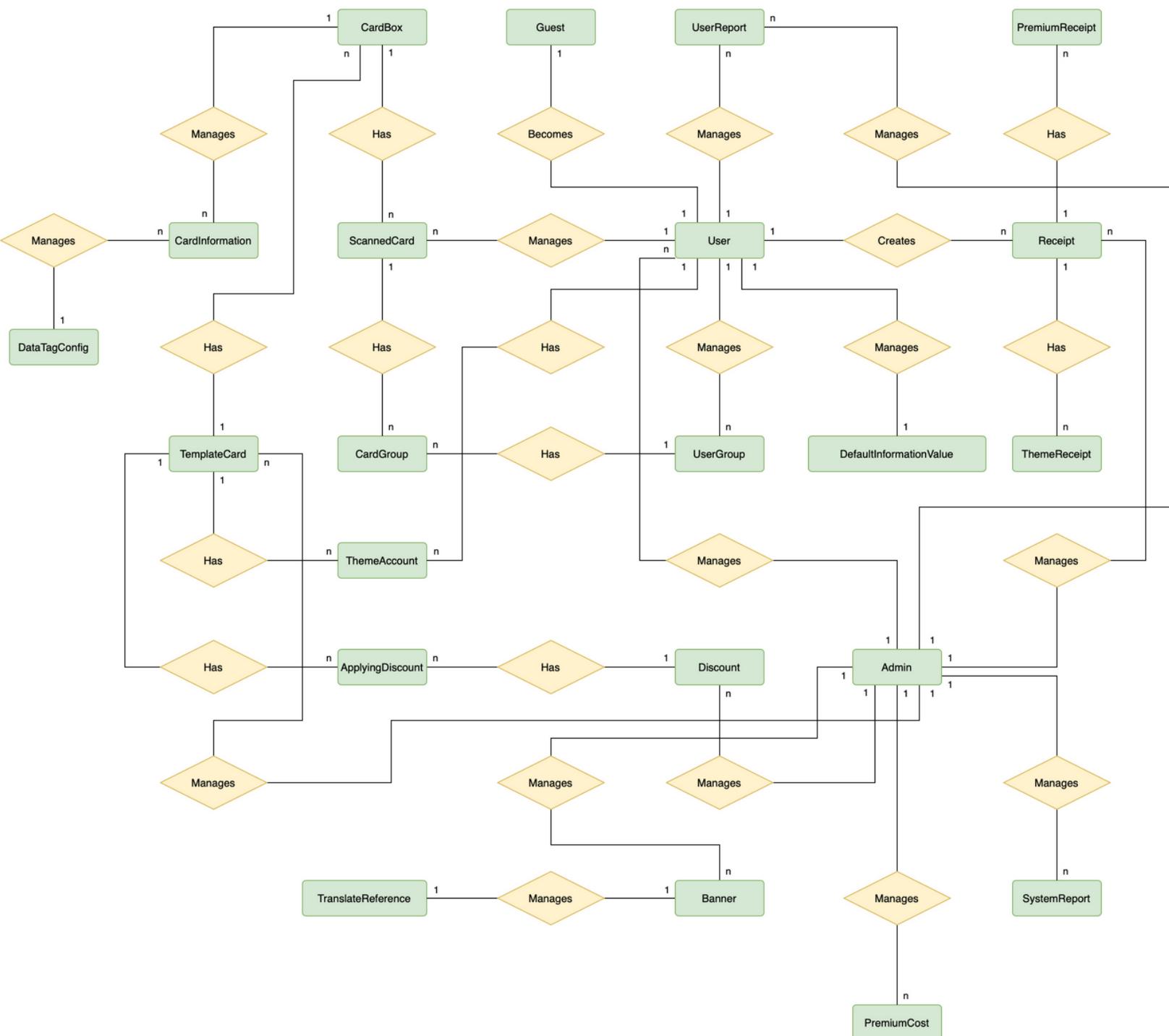


Front-end

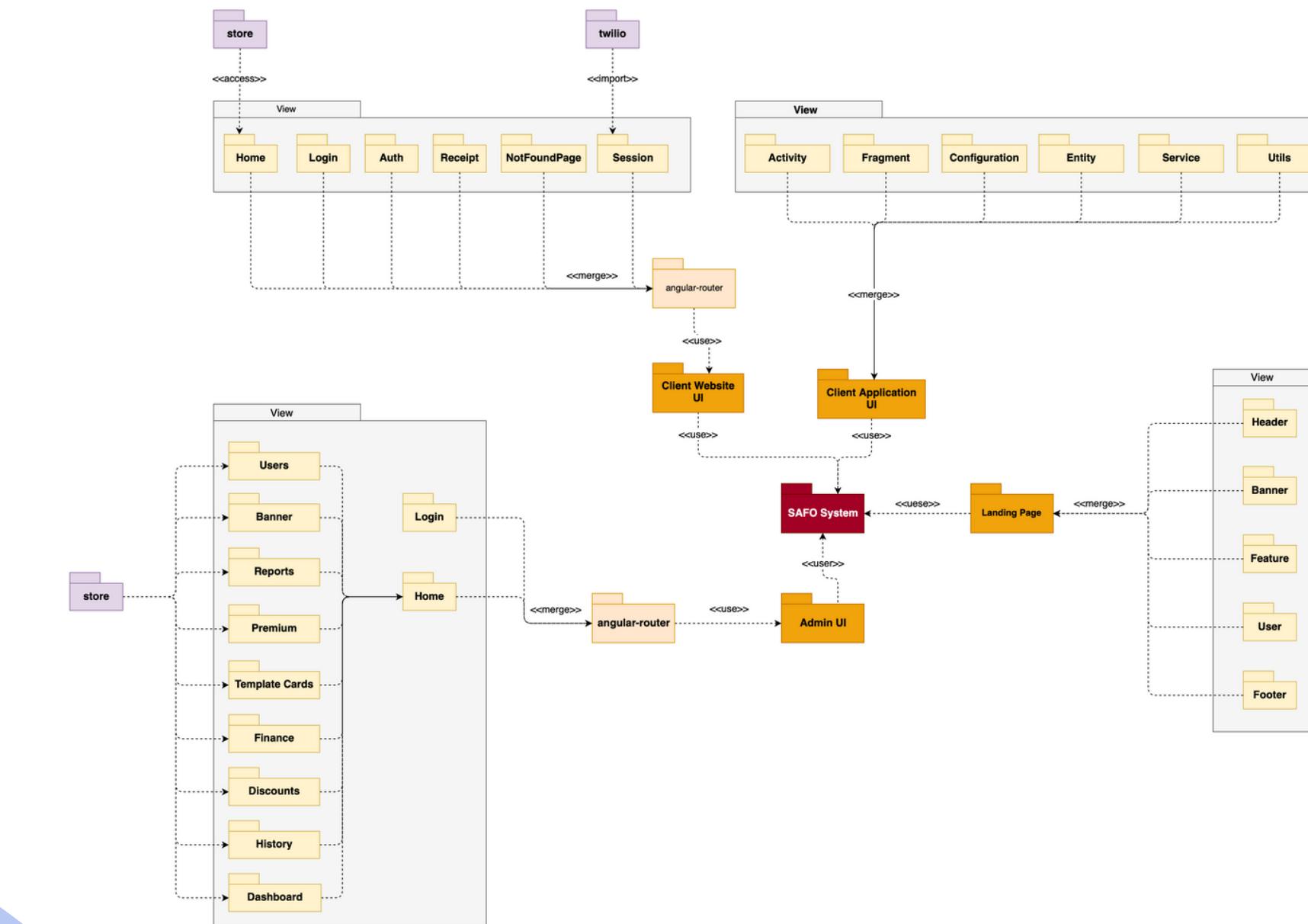


Back-end

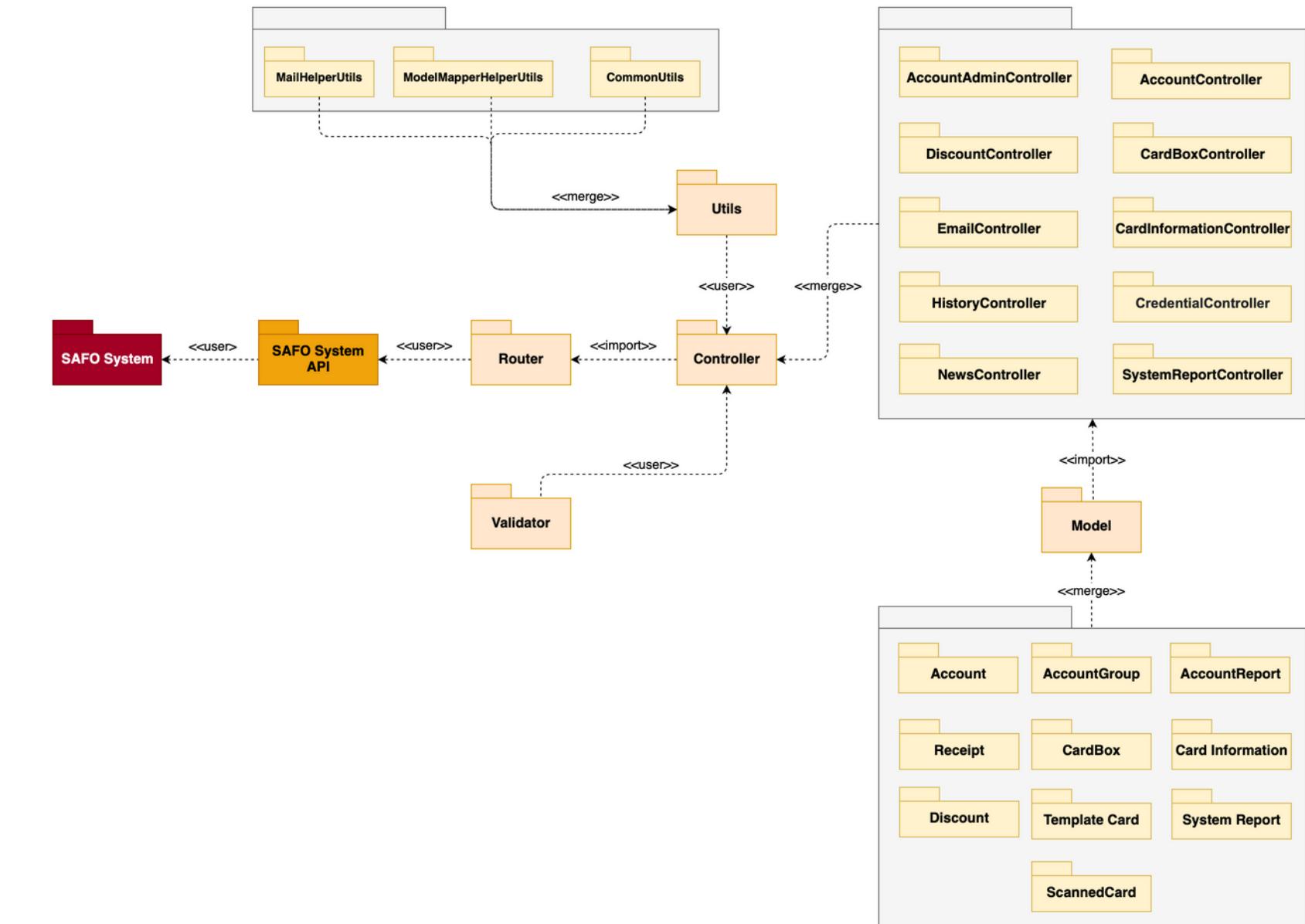
ER Diagram



Package Diagram

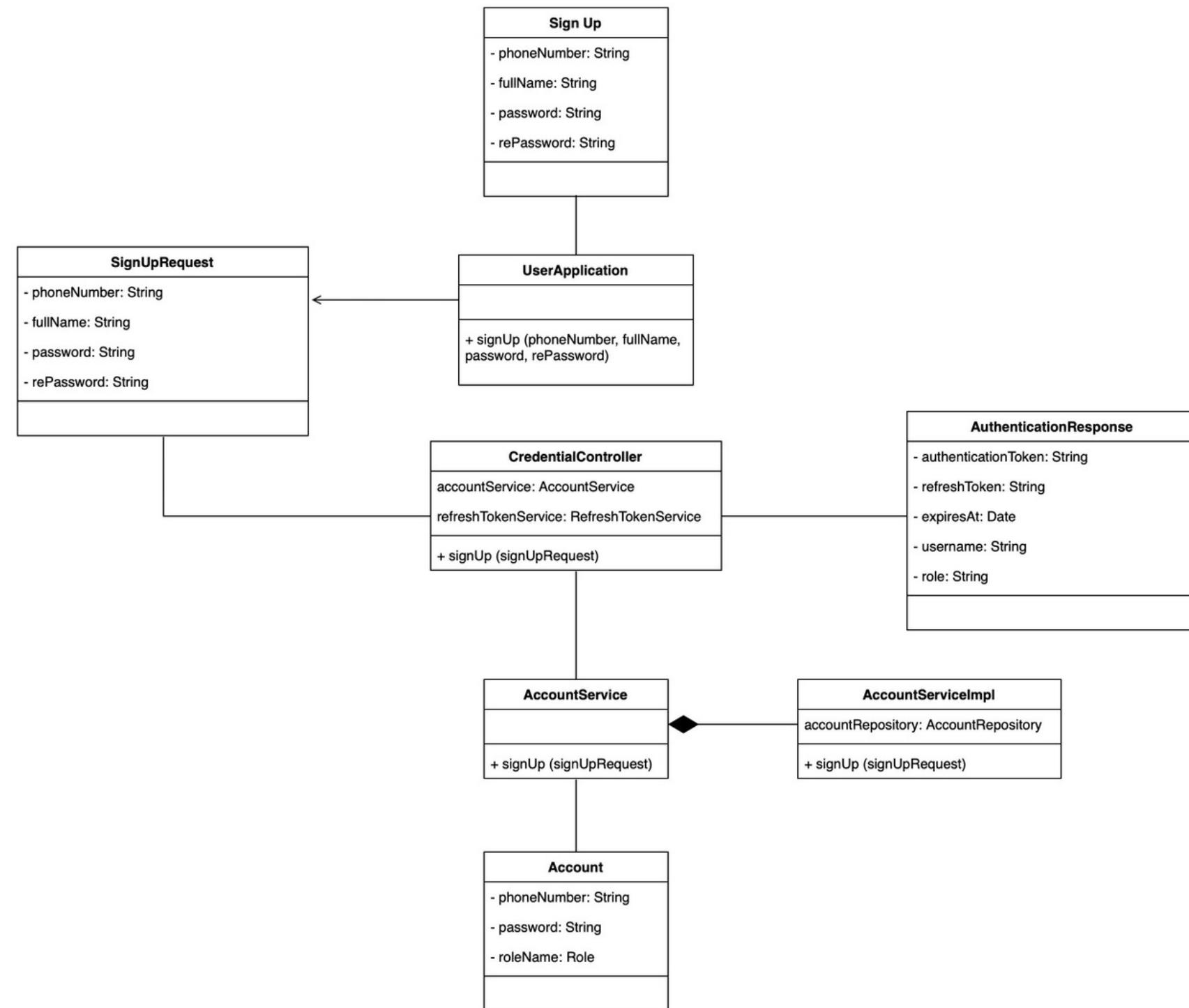


Front-end

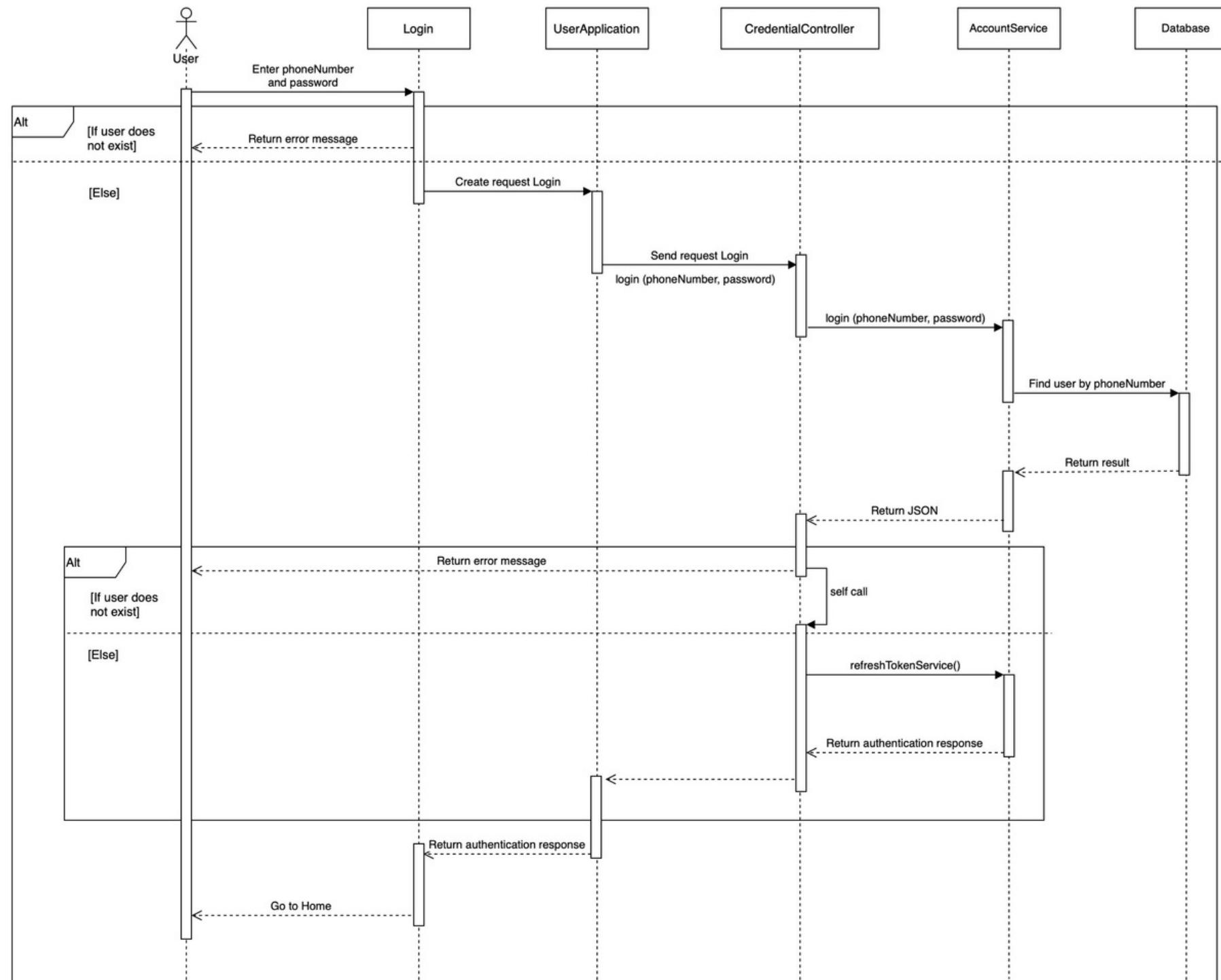


Back-end

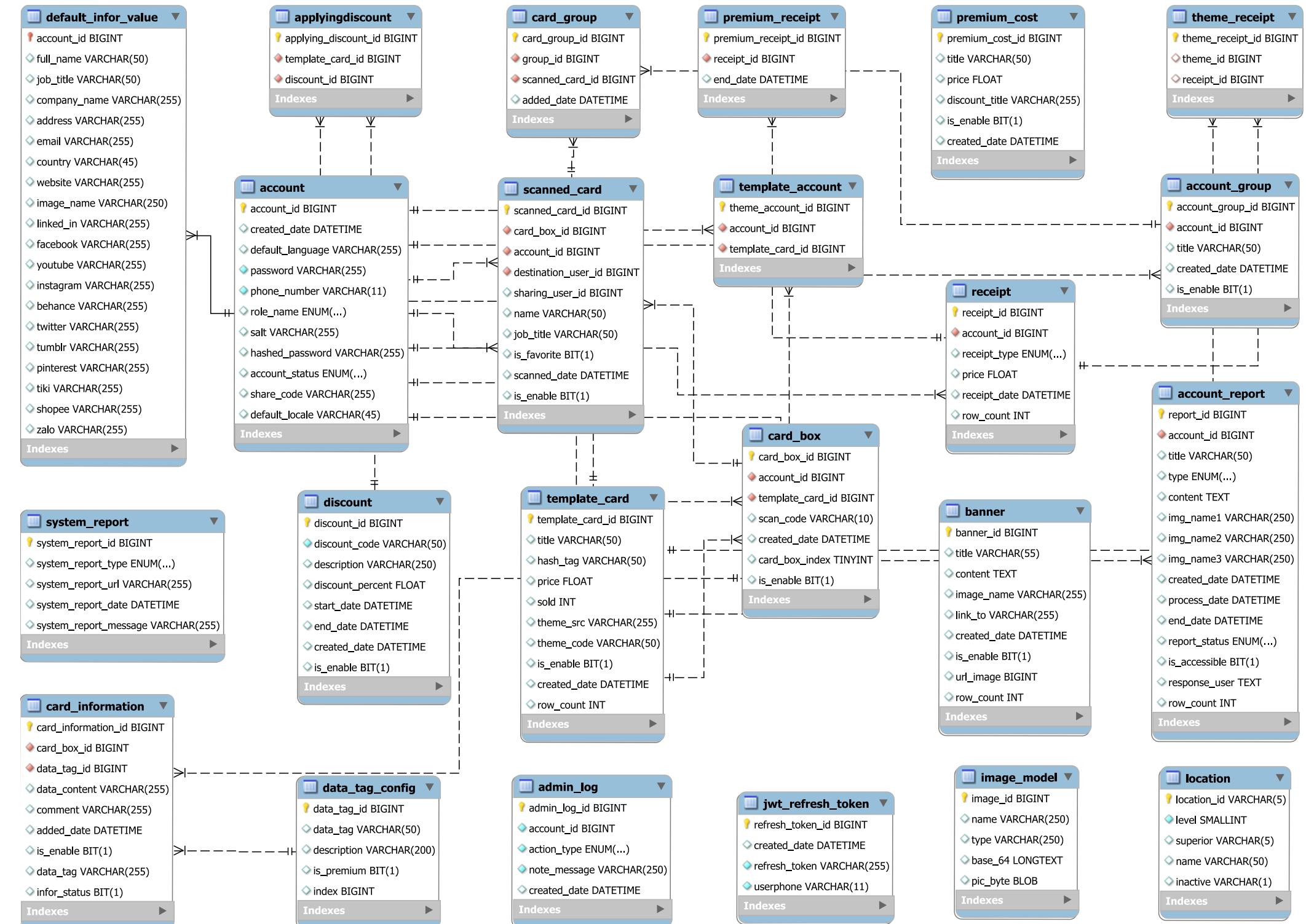
Class Diagram



Sequence Diagram



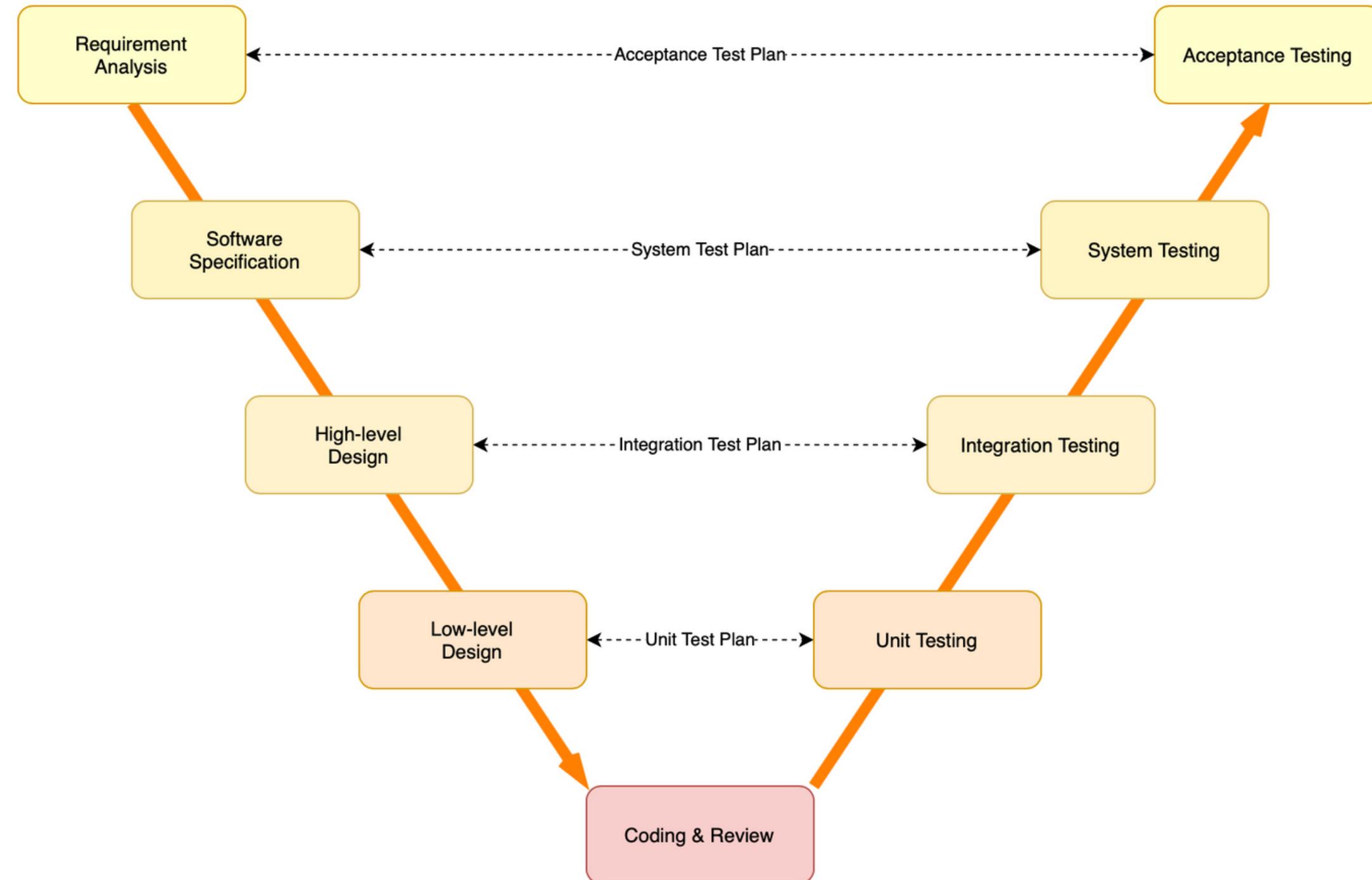
Database Design



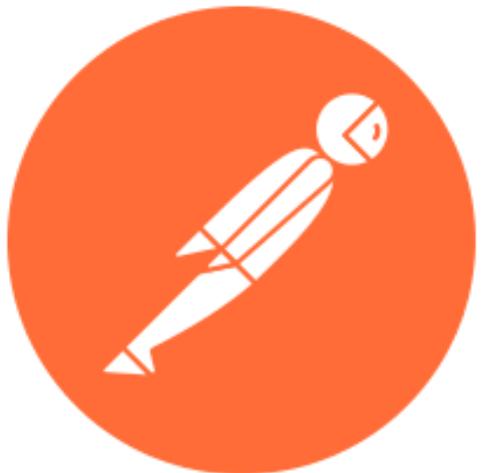


SOFTWARE TESTING

Test Model



Testing Tools



Test Case

Example of Unit Test Case

```
//Case32
@Test
public void checkUnBanFail(){
    Long id = -1L;

    //Call lockById function
    CommonResponse check = accountService.activeById(id);

    //Test
    Assertions.assertNull(check.getData());
    Assertions.assertEquals(check.getCode(), RestCode.BAD_REQUEST.getCode());
    Assertions.assertEquals(check.getMessage(), actual: "Account Id Not Exist");
}
```

Case32

**Total:
170 Unit Test**

Unit Test Report

Run: All in safo-source

Tests passed: 170 of 170 tests – 20 sec 901 ms

Test Method	Time (ms)	Log Output
<default package>.JUnit Vintage	20 sec 896 ms	"C:\Program Files\Java\jdk-14.0.2\bin\"
<default package>.AccountServiceTest	3 sec 839 ms	22:30:12.221 [main] DEBUG org.springframework
<default package>.AccountServiceTest.testVerifyOtpWithEmptyOtp	295 ms	22:30:12.226 [main] DEBUG org.springframework
<default package>.AccountServiceTest.testChangePasswordNotExistUser	79 ms	22:30:12.238 [main] DEBUG org.springframework
<default package>.AccountServiceTest.findAccByExistPhone	85 ms	22:30:12.282 [main] DEBUG org.springframework
<default package>.AccountServiceTest.testResetPassNotExistPhone	104 ms	22:30:12.295 [main] INFO org.springframework
<default package>.AccountServiceTest.testSignupPasswordAndRePasswordNotMatch	79 ms	22:30:12.299 [main] DEBUG org.springframework
<default package>.AccountServiceTest.testGetAccountByNotExistId	115 ms	22:30:12.299 [main] DEBUG org.springframework
<default package>.AccountServiceTest.testForLoginFail	197 ms	22:30:12.300 [main] INFO org.springframework
<default package>.AccountServiceTest.checkUpdateNotExistId	105 ms	22:30:12.300 [main] INFO org.springframework
<default package>.AccountServiceTest.checkLockAccInvalidId	104 ms	22:30:12.355 [main] DEBUG org.springframework
<default package>.AccountServiceTest.testGetAccountByExistId	168 ms	22:30:12.450 [main] DEBUG org.springframework
<default package>.AccountServiceTest.testVerifyOtpWithWrongOtp	77 ms	22:30:12.451 [main] INFO org.springframework
<default package>.AccountServiceTest.check GetAll With Specific 条件	129 ms	22:30:12.537 [main] DEBUG org.springframework
<default package>.AccountServiceTest.findAccByNotExistPhone	30 ms	22:30:12.537 [main] INFO org.springframework
<default package>.AccountServiceTest.checkUnban	110 ms	22:30:12.555 [main] INFO org.springframework
<default package>.AccountServiceTest.checkGetNotExistDate	105 ms	22:30:12.556 [main] DEBUG org.springframework
<default package>.AccountServiceTest.testResetPassSuccess	229 ms	22:30:12.557 [main] DEBUG org.springframework
<default package>.AccountServiceTest.checkBanAcc	127 ms	22:30:12.560 [main] DEBUG org.springframework
<default package>.AccountServiceTest.testChangePasswordInvalidPass	82 ms	22:30:12.561 [main] DEBUG org.springframework
<default package>.AccountServiceTest.checkLockAcc	106 ms	

Tests passed: 170 (moments ago)

Example of Integration Test

ID	Test Case Description	Test Case Procedure	Expected Results	Inter-test case Dependence	Result
Login					
[TC-1]	Load page	1. Go to Homepage 2. Choose "Log in"	The page is displayed successfully immediately without showing errors or delays.		Pass
[TC-2]	Layout	1. Go to Homepage 2. Choose "Log in"	The objects displayed are relatively accurate compared to quick design versions.		Pass
[TC-3]	Check responsive of the page	1. Go to Homepage 2. Choose "Log in"	Display responsive screen.		Pass
[TC-4]	Check change size of the page.	1. Go to Homepage 2. Choose "Log in"	Display without any breaking or collapsing element		Pass
[TC-5]	Display required fields	1. Go to Homepage 2. Choose "Log in"	Display fields such as username, password.		Pass
[TC-6]	Check conventions for buttons.	1. Go to Homepage 2. Choose "Log in"	Satisfy convention with the button, the button color syncs with the screen of the application.		Pass
[TC-7]	Check convention for titles and content	1. Go to Homepage 2. Choose "Log in"	Satisfy convention for titles and content, font color and background sync with the display of the application.		Pass
[TC-8]	Check input field display of the same size, color, and font size.	1. Go to Homepage 2. Choose "Log in"	Input fields must have the same size, color, and font size.		Pass
[TC-9]	Check Paste keyboard, right click works with phone number, password	"1. Go to Homepage 2. Choose "Log in" 3. Copy "0344166960" paste into "Phone number" and "Password" fields	Paste keyboard, right click works with phone number, password.		Pass
[TC-10]	Check Copy keyboard, right click works with phone number	1. Go to Homepage 2. Choose "Log in" 3. Copy "0344166960" in "Phone number" field.	Copy keyboard, right click works with phone number.		Pass
[TC-11]	Check Copy keyboard is disabled with password, right-click disable	1. Go to Homepage 2. Choose "Log in" 3. Copy "123456" from password input field.	Copy keyboard is disabled with password, right-click disable		Pass
[TC-12]	Check when at the login screen, the phone number field will be bright in color.	1. Go to Homepage 2. Choose "Log in"	The phone number field will be bright in color.		Pass
[TC-13]	Check out the layout of the Login button.	1. Go to Homepage 2. Choose "Log in"	Buttons in Login must have the same size as fields and have to sync color.		Pass
[TC-14]	Check the "Remember me" checkmark is auto selected.	1. Go to Homepage 2. Choose "Log in"	The "Remember me" checkmark is auto selected.		Pass
[TC-15]	Check link "Forgot Password" will have a font, size synchronized with checkmark "Remember me" and light color synchronized with the login button.	1. Go to Homepage 2. Choose "Log in"	Link "Forgot Password" will have a font, size synchronized with checkmark "Remember me" and light color synchronized with the login button.		Pass
[TC-16]	Check if a user will be able to login with a valid phone number and valid password .	1. Go to Homepage 2. Choose "Log in" 3. Input Phone number: 0344166960, Password: 123456 4. Click button "LOG IN"	Login successfully then redirect user to Homepage.		Pass
[TC-17]	Check if a user cannot login with a valid phone number and an invalid password.	1. Go to Homepage 2. Choose "Log in" 3. Input Phone number: 0344166960, Password: 123456 4. Click button "LOG IN"	Display alert "Phone number or Password is incorrect, please try again."		Pass

No	Module code	Pass	Fail	Untested	N/A	Number of test cases
1	Guest	36	0	0	0	36
2	User	421	0	0	0	421
3	Admin	465	0	0	0	465
	Sub total	922	0	0	0	922
	Test coverage		100	%		
	Test successful coverage		100	%		

Example of System Test

ID	Test Case Description	Test Case Procedure	Expected Results	Inter-test case Dependence	Result
[TC-1]	Login Login Successfully Successfully login to the Admin website	1. Go to the "Login" screen 2. Input phone number: 0384122222 3. Input password: 123456 4. In the pagination area, click button "SIGN IN"	1. User login successfully with role Admin 2. System redirects to the "Dashboard" screen		Pass
[TC-2]	Login Fail - Invalid Phone number Failed login to the Admin website because user inputs invalid phone number	1. Go to the "Login" screen 2. Input phone number: 123456 3. Input password: 123456 4. In the pagination area, click button "SIGN IN"	1. After user inputs phone number, under phone number input field, system displays an error message "Phone number must contain 10 digits from 0 to 9." 2. After step 4, systems display an error message "Phone number or Password is incorrect, please try again."		Pass
[TC-3]	Login Fail - Null Phone number Failed login to the Admin website because user does not input phone number	1. Go to the "Login" screen 2. Only touch and do not input any value for phone number input field 3. Input password: 123456 4. In the pagination area, click button "SIGN IN"	1. After step 2, under phone number input field, system displays an error message "This field is required." 2. After step 4, systems display an error message "Please complete all required fields and fill in the correct formatting fields."		Pass
[TC-4]	Login Fail - Null Password Failed login to the Admin website because user does not input password	1. Go to the "Login" screen 2. Input phone number: 0384122222 3. Only touch and do not input any value for password input field 4. Click button "SIGN IN"	1. After step 3, under password input field, system displays an error message "This field is required." 2. After step 4, systems display an error message "Please complete all required fields and fill in the correct formatting fields."		Pass
[TC-5]	Login Fail - Invalid Password Failed login to the Admin website because user inputs invalid password	1. Go to the "Login" screen 2. Input phone number: 0384122222 3. Input password: abc 4. Click button "SIGN IN"	1. After step 2, under password input field, system displays an error message "Password must contain 6 digits from 0 to 9." 2. After step 4, systems display an error message "Please complete all required fields and fill in the correct formatting fields."		Pass
[TC-6]	Login Fail - Incorrect phone number or password Failed login to the Admin website because user inputs incorrect account	1. Go to the "Login" screen 2. Input phone number: 123456789 3. Input password: abc 4. Click button "SIGN IN"	1. Systems display an error message "Please complete all required fields and fill in the correct formatting fields."		Pass
[TC-7]	Logout Successfully Successfully logs out of the Admin website	1. On the "Dashboard" screen, select the menu in the upper right corner. 2. Click "Log out". 3. System redirects the "Login" screen. 4. Enter the link "/admin/dashboard"	1. User can not access the admin "Dashboard" screen		Pass
	Manage Discount				
[TC-8]	View Discount Successfully - Paging - No Search Criteria Successfully view all existing discounts paginated in the system	1. Open the sidebar on the left 2. In the pagination area, click "Discount" in the sidebar 3. Refer and do section "Paging Test Procedure" of sheet "Appendix"	Refer section "Expected Result" of sheet "Appendix" (result table is discounts table that contains all existing discounts)		Pass
[TC-9]	View Discount Successfully - 0 item Successfully view all existing discounts paginated in the system but no result	1. Open the sidebar on the left 2. In the pagination area, click "Discount" in the sidebar	System display an information message "No result found"		Pass
[TC-10]	View Discount Fail - Error Handle Fail view all existing discounts paginated in the system because something went wrong (Example: Can't connect to server)	1. Stop connecting to server 2. Open the sidebar on the left 3. In the pagination area, click "Discount" in the sidebar	After 5 seconds, system redirects to "402" screen		Pass
[TC-11]	Search Discount Successfully - Clear Search Successfully search and view all existing discounts when user clear all search criteria	1. Open the sidebar on the left 2. In the pagination area, click "Discount" in the sidebar 3. Click button "Clear" 4. Refer and do section "Paging Test Procedure" of sheet "Appendix"	1. After step 2, system displays all existing discounts (default is page index 0, page size 6) 2. After step 3, in the search criteria, "Discount Percent" input field display "Discount percent" and "Date search" date input field display "All Date" 3. Refer section "Expected Result" of sheet "Appendix" (results table is discounts table that contains all existing discounts)		Pass

No	Module code	Pass	Fail	Untested	N/A	Number of test cases
1	Guest	14	0	0	0	14
2	User	166	0	0	0	166
3	Admin	197	0	0	0	197
	Sub total	377	0	0	0	377
	Test coverage		100,00	%		
	Test successful coverage		100,00	%		

Bug Management

The image shows a Trello board titled "SAFO_Bug Management" with the following lists and their contents:

- UT - App Bug**
 - [Website] Quick connection button
 - [Quick Connection Button] Không có thì không hiện
 - Chưa catch các blank information trong share card
 - [History] Kéo sang ngang các Header (All, Theme, Premium, Report)
 - [Report] Chỉnh lại giao diện ảnh
 - [Enter Card Code] Vỡ giao diện, cho dài hơn
 - [NFC] Lỗi giao diện với button và Star
- UT - App Bug Done**
 - [Banner] Lỗi với tiếng Nhật
 - [Upgrade Premium] Chỉnh lại thiết kế
 - [Validation] Check validation của Phone number, Zalo
 - [Sign Up] Null Password bị lỗi
 - [OTP] Sai tiêu đề
 - [Resend OTP] Có vấn đề về thời gian
 - [Verify OTP] Sai thông báo
 - [Create Card, Edit Card] Thiếu trường thông tin load ra
 - [Boundary] Personal Information
- UT - Web Bug**
 - [Verify OTP - Login] Chưa giới hạn 6 ký tự, sai thông báo
 - [Admin - Sidebar] Thể hiện Actived Link bên side bar bị lỗi
 - [Admin - User] Lỗi Apply Filter
 - [Admin - User] Join Date From phải trước Join Date To
 - [Admin - Premium] Reload là lỗi
 - [Admin - Login] Không cần đăng nhập vẫn vào được site admin, chỉ là không sử dụng được.
 - [Admin - User] Ban All bị lỗi
- UT - Web Bug Done**
 - dropdown gần Sign out
 - [User - Lock Account] Thay đổi nội dung của khoá tài khoản

Each card includes a green progress bar, a title, a description, and a status indicator (e.g., NT, 1, 2, 4/4, 1, 2, 3/3, 3/3). The board also features a sidebar with "Automation (5 Tips)", "Google Drive", and "Show menu" options.

References

Business Card Statistics

- <https://www.creditdonkey.com/business-card-statistics.html>
- <https://www.cleantechloops.com/business-cards-environment/>
- <https://www.snap.com.au/blog/business-card-research--how-people-judge-you-by-your-calling-card>
- <https://www.instantprint.co.uk/printspiration/print-design-tips/the-science-of-creating-the-perfect-business-card>



DEMO TIME

Information Sharing System



**THANK
YOU!**