

# **Buzzr**

## Block Diagrams and API

Group KK\_03

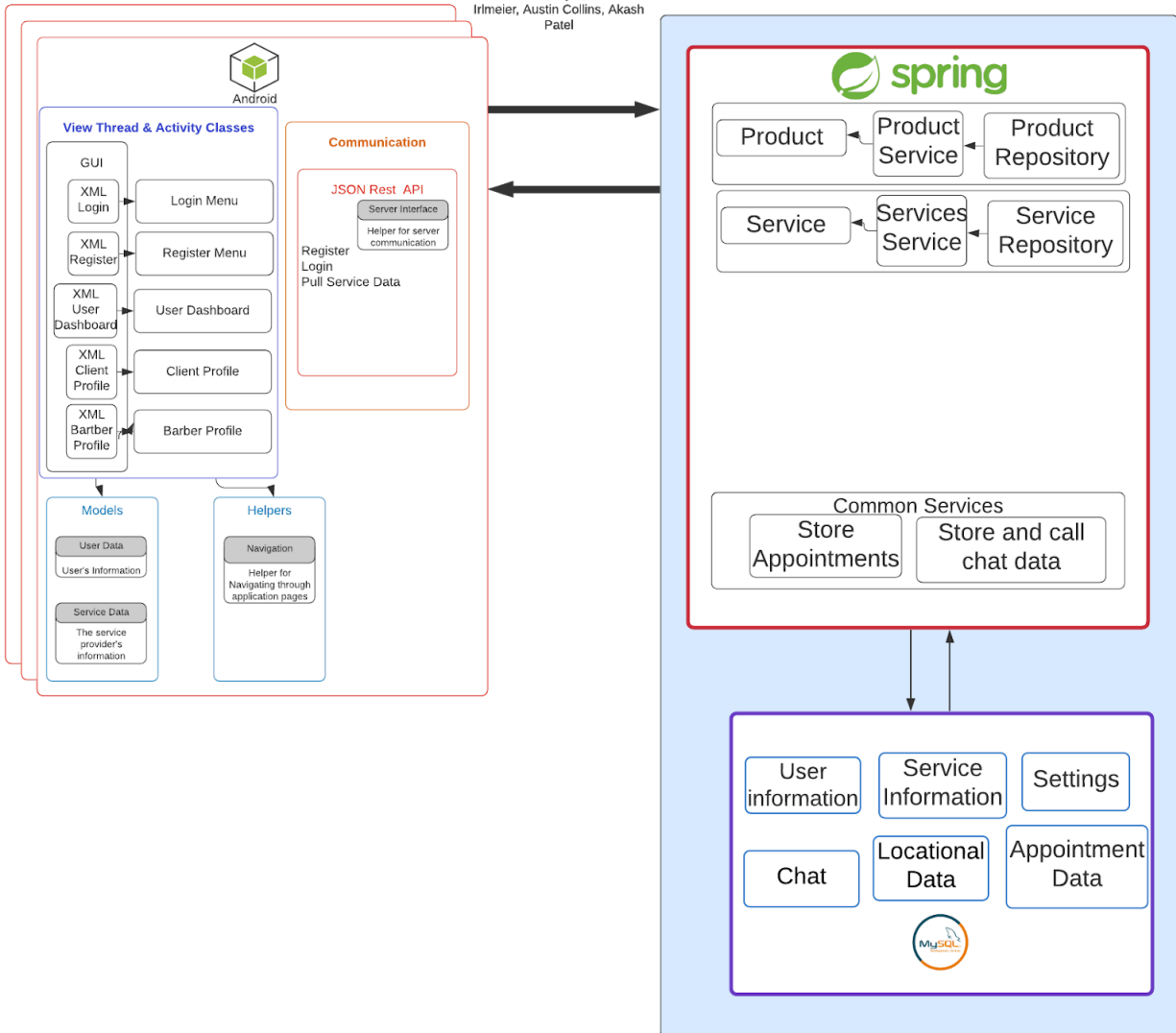
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## Overview of Design

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The design of our user interface helps guide the user through the application, below is a short explanation of how and why we designed some screens.

- Login Activity
  - The login activity page authenticates the user's privileges within the application and leads to the user dashboard screen on successful login.
  - There is also a button that leads to the registration screen.
- User Dashboard
  - Is the hub of the UI, allows the user to go from their own profile to the barber profile view easily.
  - Easy to use scrolling barber selection to help users use the application.
- Client Profile
  - The client profile consists of transactions and managing appointments buttons that will take the user to those pages.
  - From those pages the client can view history of transactions and manage upcoming appointments.
  - The client profile will showcase the clients picture and information about the client including email address and phone number.
  - It will also have information about what the client is looking for in a haircut and a barber.
- Barber Profile
  - Shows all information about a searched barber including their picture, name, phone number, workplace, rating, and a paragraph about them.
  - Can redirect to the home page or appointment booking page, where they will confirm a date and time they want to schedule an appointment with that barber.

**Server** - The application makes JSON requests using volley to parse most of its interactions with the server and database. Our spring boot server also helps parse the login authentication and will soon provide support for image requests.

product	
id	INT
email	VARCHAR(255)
name	VARCHAR(255)
password	VARCHAR(255)
phonenumber	VARCHAR(50)
username	VARCHAR(255)
userType	VARCHAR(255)
Indexes	

category	
category_id	INT
name	VARCHAR(255)
Indexes	

user	
username	VARCHAR(16)
email	VARCHAR(255)
password	VARCHAR(32)
create_time	TIMESTAMP

product	
id	INT
email	VARCHAR(255)
name	VARCHAR(255)
password	VARCHAR(255)
phonenumber	VARCHAR(50)
username	VARCHAR(255)
userType	VARCHAR(255)
Indexes	

timestamps	
create_time	TIMESTAMP
update_time	TIMESTAMP