

Carnegie Mellon University Africa
Android Mobile App Development
Iteration 1 - Speculate Phase Project

Team members:

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Project : Hairdressing Salon booking appointment (SukaFasta)

MASTER LIST OF FEATURES

Master list of Features for Hairdressers

- 1) Registration
- 2) Login
- 3) Add services (hairdressing, manicure)
- 4) Add products (extensions, etc.)
- 5) Add appointment
- 6) Block time slots
- 7) Free blocked time slots
- 8) Delete appointments
- 9) Cancel appointment
- 10) View appointments
- 11) View details of a user's appointment
- 12) Delete account
- 13) Edit account information
- 14) View reviews

Master List of Features for Users

- 15) Registration
- 16) Login
- 17) Setting appointments, date and time
- 18) Delete appointment
- 19) Choose services such as braiding, nail polishing, etc.
- 20) Provide reviews
- 21) Delete account
- 22) Edit account information

Prototypes

- 1) Wireframes/Designs - Figma

- 2) Landing Page of Registration and Login
- 3) Landing page for adding services
- 4) Landing page for adding products
- 5) Interactive user interface for setting appointments
- 6) Video Demo

Development

- 1) Interactive User interface for Registration, Login and Setting Appointments

Technical Architecture

- 1) Navigation flow diagram
- 2) Use case diagram
- 3) High level architecture (diagram) of how our UI will interact with the database

Research/Tutorials

- 1) Research on free database options for storing users (hairdressers and others) information
- 2) Tutorials on how to implement each feature in iteration 1
- 3) User research (conduct interviews, decide on hairdressers and users we'll test the app on)
- 4) Research/Tutorials on the various components we'll be needing for the features in iteration 1, e.g. material icons, etc.
- 5) Research on how to create roles (hairdresser and user) and provide interfaces based on the roles

Tasks for Iteration 1

- 1) Design the user interface
- 2) Design navigation flow diagram
- 3) Implement registration and login for users and hairdressers
- 4) Implement add services
- 5) Implement add products
- 6) Implement view all appointments
- 7) Implement view details of user's appointment
- 8) Implement set appointment: date and time
- 9) Implement choose services
- 10) Create feedback forms for hairdressers and users

	Task	Time needed to complete task	Priority	In Charge of Task
1	Design the user interface	3 hrs	High	Furaha

2	Design navigation flow diagram	1 hr	Medium	Aanu
3	Implement registration and login for users and hairdressers	10 hr	High	Aanu
4	Implement add services	5 hr	High	Chukwuemeka
5	Implement add products	5 hr	Medium	Chukwuemeka
6	Implement view all appointments	5 hr	Low	Furaha
7	Implement view details of user's appointment	5 hr	Low	Aanu
8	Implement set appointment: date and time	5 hr	High	Furaha
9	Implement choose services	5 hr	Medium	Chukwuemeka
10	Create feedback forms for hairdressers and users	1 hr	Low	Aanu

Bucket List

A) High Priority Tasks

- Implement registration and login for users and hairdressers
- Design the user interface
- Implement add service
- Implement the set appointment date and time

B) Medium Priority Tasks

- Design navigation flow diagram
- Implement add products
- Implement choose services

C) Low Priority Tasks

- Implement view all appointments
- Implement view details of user's appointment

Expected Outcome for Iteration 1

- 1) Know our customers' need
- 2) UI Design

- 3) Implement all features under “Tasks for iteration 1” with high priority
- 4) Test our app on at least one hairdresser and five users