

Carnegie Mellon University Africa
Android Mobile App Development
SukaFasta – Explore Phase 2

Team members:

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Project: Hairdressing Salon Booking Appointment (SukaFasta)

Activity:

For this iteration, our goal was to implement high-priority tasks as described below, and find testers for our application. In regards to testers, we got one hairdresser from a beauty salon in Kigali, and our fellow students at CMU Africa to serve as client testers for the adapt phase.

High-priority tasks in iteration 2:

- 1) Data Persistence
- 2) Improve the responsiveness of Login and registration
- 3) Home screen
- 4) Implement the view appointments
- 5) Update the time design.

Programming Task Completed:

- 1) Data Persistence
- 2) Improve the responsiveness of Login and registration
- 3) Home Screen
- 4) View appointments (clients/hairdresser)
- 5) Upload pictures for services (hairdressing, manicure)
- 6) Implement the Time Block
- 7) View all services
- 8) Update the time design.

List for Iteration 2 Task

S/N	Feature/ Functionality	Priority	Time Spt (Hr)	Status
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1	Data Persistence	High ▾	10	Completed
2	Improve the responsiveness of Login and registration	High ▾	5	Completed
3	Home screen	High ▾	8	Completed
4	Upload pictures for services (hairdressing, manicure)	High ▾	5	Completed
5	View appointments (clients)	High ▾	8	Completed
6	View appointments (hairdresser)	High ▾	8	Completed
7	Block time slots	Medi... ▾	8	Completed
8	View all services	Medi... ▾	8	Completed
9	Update add time to design	High ▾	2	Completed

Time spent on Explore phase.

The time to implement each of these features was demanding as we implemented data persistence, ViewModels for different screens, and a firebase database. We improved the registration authentication using firebase. Different user profile was created as the hairdresser and client view are different. The addition of an image was difficult in adding to the database. Thus, once a user registers, their registration credentials are saved in Firebase. The Client will be able to view all services and hairdresser add services. The time design was updated, so the client can't book appointments on past dates. Due to time constraints, will only test them with the user after the class demonstration for the last report.