



Module Code & Title

CS6P05 Final Year Project MAD

Food Share - Android App

Artifact – Defining requirements

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1. Client Meeting

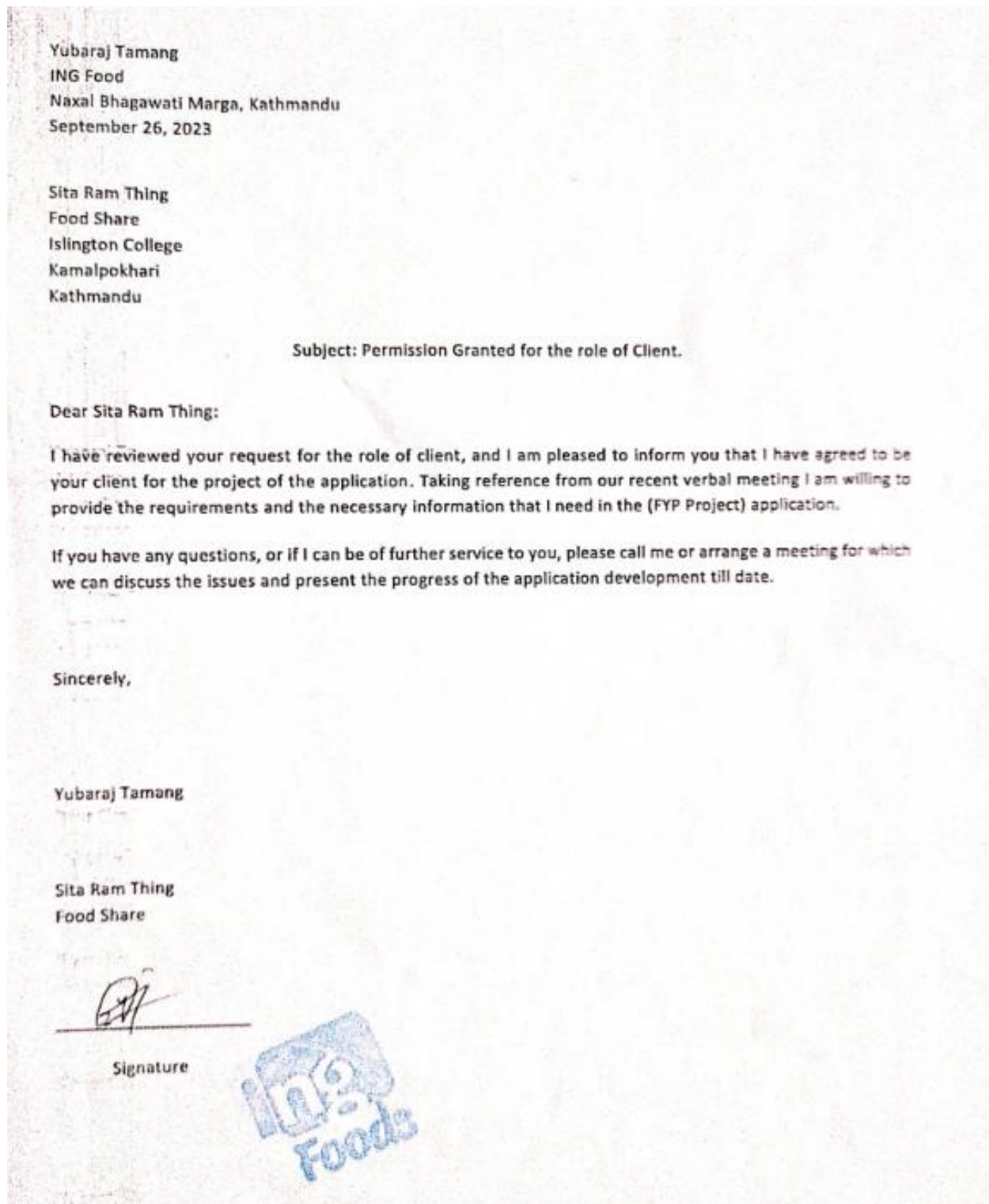


Figure 1: Client messaging log

1.1 Client Meeting Log 1

Meeting Date: 17/09/2023

Location: Baluwatar

Meeting Agenda: project requirement and design review.

Discussion:

We discussed that all requirements are collected and finalized to move on to the system design part. Where the system features are included in client requirements. The design and each feature are shown to the client, and he can finalize the collected requirements.

Client Feedback:

The client said any additional features are added to the system and almost all features and design parts are good, but he said in the coming time needs to change the requirements and design parts so currently continues in the systems development phase.

A. Start sprint 1 where database development phase.

B. Show the sample of static fake data inserted into the database.

Next Meeting Scheduled:

Date: 26/11/2023

Time: 2:00 PM

Agenda: Sprint 1 database development

1.2 Client Meeting Log 2

Meeting Date: 09/12/2023

Location: Baluwatar

Meeting Agenda: Sprint 1 database development progress review.

Discussion:

The database development progress has been completed, utilizing the MySQL database on the backend with the Django Framework-related thing about to discuss. It has successfully integrated with the backend Django framework. This sprint task was completed by the deadline.

Client Feedback:

The database development is found, and the database table has a password saved in encrypted form. Then database is correct and move on next sprint.

A. Password is saved in encrypted form.

B. Database table relationship maintained with one-one, one-to-many and many-to-many.

Next Meeting Scheduled:

Date: 23/12/2023

Time: 2:00 PM

Agenda: Sprint 2 API development

1.3 Client Meeting Log 3

Meeting Date: 23/12/2023

Location: Baluwatar

Meeting Agenda: Sprint 2 rest API development progress review.

Discussion:

The last meeting said that upcoming meetings have the Sprint 2 completed and review the client where this meeting we discussed the API development progress and reviewed the API development part.

Client Feedback:

The API development progress is so good, but the API development is not completed so will try to complete the next sprint. All APIs are tested successfully work then implemented to the system.

A. Develop all add, update, and delete APIs for using the mobile device.

Next Meeting Scheduled:

Date: 02/01/2024

Time: 2:30 PM

Agenda: Sprint 3 authentication development

Client Meeting Log 4

Meeting Date: 02/01/2024

Location: Baluwatar

Meeting Agenda: Sprint 3 authentication development progress review.

Discussion:

The discussion with the client on the sprint 3 authentication development program where the web login authentication is only for admin and mobile login authentication is different user role bases.

Client feedback:

The client said that the authentication development progress is better performance, the authentication API test is successful, and the work is good. The previous task is pending development and then be completed in the upcoming sprint.

A. Mobile and admin systems check the login authentication.

B. The user profile data is only the user identity who logs in to the system.

Next Meeting Scheduled:

Date: 17/01/2024

Time: 2:00 PM

Agenda: Web UI development

Client Meeting Log 5

Meeting Date: 19/04/2024

Location: Baluwatar

Meeting Agenda: Web admin side design and frontend mobile notification and map implementation with local database implementation.

Discussion:

The discussion with the client on the local database implementation, google map and notification implementation.

Client feedback:

The client said that the Google Maps and notification implementation is good. But the system performance is just lacking, development and then be completed in the pending task for next week.

- C. Mobile and Web both applications verify.
- D. The user profile data view give access to all users.

Next Meeting Scheduled:

Date: No meeting

Time: No Time

Agenda: Complete the features and post the survey.

2. Product backlog

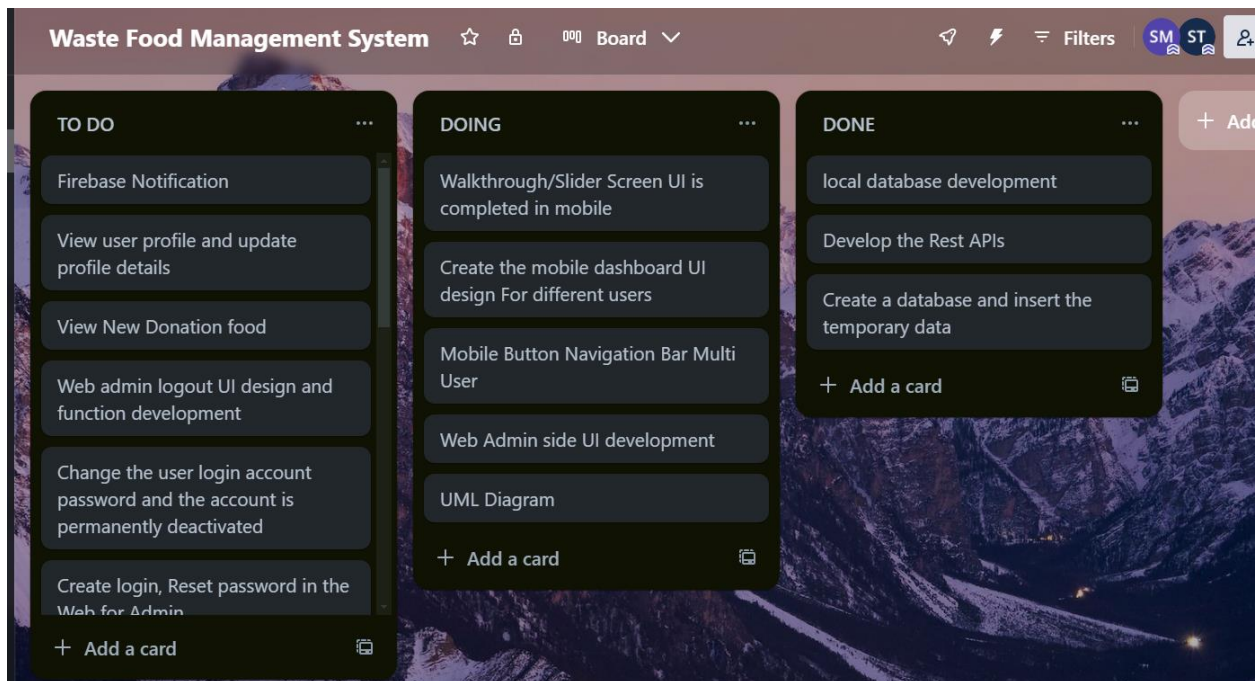


Figure 2: Product bac log

3. Scrum Planning

Research to topic		Durations	Stat Date	End Date	Status
Phase 1: Planning and Requirement Analysis		3 weeks	10/09/2023	30/09/2023	100%
Task 1: Research and project finalize		7 days	10/09/2023	16/09/2023	Completed
Task 2: Client meeting		3 days	17/09/2023	19/09/2023	
Task 3: Requirement collection		4 days	20/09/2023	23/09/2023	
Task 4: Proposal writing		7 days	24/09/2023	30/09/2023	
Phase 2: Defining Requirements		2 weeks	1/10/2023	21/10/2023	100%
Task 1: User stories		7 days	1/10/2023	7/10/2023	Completed
Task 2: Scrum planning		7 days	8/10/2023	14/10/2023	
Task 3: Product Backlog		7 days	15/10/2023	21/10/2023	
Phase 3: Designing the Project Architecture		4 weeks	22/10/2023	11/11/2023	100%
Task 1: Research about UML Diagram and backend development		14 days	22/10/2023	4/11/2023	Completed
Task 2: Usecase, Sequence, and Context diagram develop		7 days	5/11/2023	11/11/2023	
Task 3: DFD, Class diagram, Activity diagram develop		7 days	12/11/2023	18/11/2023	
Task 4: ERD, System architecture, Wireframe develop		7 days	19/11/2023	25/11/2023	
Phase 4: Building or Developing the Project		14 weeks	26/11/2023	16/3/2024	100%
Sprint 1: DBMS creation		2 weeks	26/11/2023	9/12/2023	100%
Sprint Planning		1 day	26/11/2023	26/11/2023	
Sprint Backlog		1 day	27/11/2023	27/11/2023	

Figure 3: Scrum planning part 1

Phase 4: Building or Developing the Project		14 weeks	26/11/2023	16/3/2024	100%
Sprint 1: DBMS creation		2 weeks	26/11/2023	9/12/2023	100%
	Sprint Planning	1 day	26/11/2023	26/11/2023	Completed
	Sprint Backlog	1 day	27/11/2023	27/11/2023	
	Development	7 days	28/11/2023	4/12/2023	
	Testing	2 days	5/12/2023	6/12/2023	
	Sprint Review	1 day	7/12/2023	7/12/2023	
	Retrospective and Release	1 day	8/12/2023	9/12/2023	
Sprint 2: Rest API development	Same process of Sprint 1	2 weeks	10/12/2023	23/12/2023	100%
Sprint 3: Web admin panel Ui development	Same process of Sprint 1	2 weeks	24/12/2023	6/1/2024	100%
Sprint 4: Local database with CRUD and Retrofit to API implemen	Same process of Sprint 1	2 weeks	7/1/2024	20/1/2024	100%
Sprint 5: Mobile UI development	Same process of Sprint 1	2 weeks	21/1/2024	03/02/2024	100%
Sprint 6: Authentication development	Same process of Sprint 1	2 weeks	04/02/2024	17/02/2024	100%
Sprint 7: Frontend and backend connection	Same process of Sprint 1	2 weeks	18/02/2024	2/3/2024	100%

Figure 4: Scrum planning part 2

Sprint 7: Frontend and backend connection	Same process of Sprint 1	2 weeks	18/02/2024	2/3/2024	100%
Sprint 8: Google services and Firebase implement	Same process of Sprint 1	2 weeks	3/3/2024	16/03/2024	Completed
Phase 5: Testing		1 week	17/3/2024	23/03/2024	
Task 1: Final Testing		7 days	17/3/2024	23/03/2024	Completed
Phase 6: Project Deployment		2 weeks	24/03/2024	06/04/2024	
Task 1: Summarize the deployment project		7 days	24/03/2024	30/03/2024	Completed
Task 2: Document and mitigate risks		7 days	31/03/2024	6/4/2024	
Phase 7: Maintenance and Release		1 week	7/4/2024	13/4/2024	
Task 1: Bugs and problem maintain		3 days	7/4/2024	9/4/2024	Completed
Task 2: Project review and submit		4 days	10/4/2024	13/4/2024	

Figure 5: Scrum planning part 3

4. User Stories

User Stories:

4.1 User Story: Login

As a user, I should be able to create a login with a valid username and password after registering so that I can secure my data.

4.2 User Story: Register

As a user, I should be able to register with a valid username and password so that I can create a login and secure my data.

4.3 User Story: Forgot Password

As a user, I should be able to reset my password if I forget it so that I can regain access to my account.

4.4 User Story: View New Food Donations

As a user, I should be able to browse new food donations so that I can decide whether to accept them.

4.5 User Story: View Donation Locations

As a user, I should be able to view donation locations so that I can find the nearest donation point.

4.6 User Story: View User Profile

As a user, I should be able to view my profile details so that I can manage my account information.

4.7 User Story: Update Profile Details

As a user, I should be able to update my profile details so that I can keep my information up to date.

4.8 User Story: Deactivate Account

As a user, I should be able to deactivate my account if needed so that my account is no longer active.

4.9 User Story: Post New Food

4.9 As a user, I should be able to post new food donations so that others can see what I am donating.

4.10 User Story: Update Posted Food Details

As a user, I should be able to update details of my posted food donations so that I can provide accurate information.

4.11 User Story: Receive Push Notifications

As a user, I should receive push notifications for important updates so that I am informed about any changes or new donations.

4.12 User Story: View Donation History

As a user, I should be able to view my donation history so that I can keep track of my previous donations.

4.13 User Story: View Notifications

As a user, I should be able to view notifications so that I am aware of any new updates or messages.

4.14 User Story: Rate Donation

As a user, I should be able to rate the donation process after completing it so that I can provide feedback.