

Sprint Report 3

Community Partner Mr Saheem - Qatar Red Crescent Society (QRCS)

Team Al Anoud Al Khulaifi, Fatima Al-Haddad, Deema Al-Mohanadi

Advisor Professor Abdul Salam

Date (17/02/2025 - 02/03/2025)

Community Partner Notes

https://docs.google.com/document/d/1K5e3atwJUwZhWujY2V-xCCk6NYY4G_o_rEQObBqOj7M/edit?usp=sharing

Project Plan:

<https://docs.google.com/document/d/1HrSI3XD1HI9UPNn6k70RQXjE8e1XQTe6xvBTMg6P10Q/edit?usp=sharing>

2. Accomplishments Since Last Sprint

All team members (Project Management related)

Title	Task Description	Team Members	Time
General – Class Attendance	Attended Sunday and Monday classes.	All	2
General- Weekly client meeting	Contacted Mr. Saheem to clarify project scope and expectations. Joined Zoom meetings to ask questions about QRCS's data on Wednesdays, 5-6.	All	1.5
General - Team Meeting	The team met to discuss client meetings, proposal tasks, and details 3 times during the week.	All	3
General - Project Management	Update the Trello board for task management	All	0.5

Al Anoud Individual Progress Report

Title	Task Description	Progress (%)	Time
General – Coursework	(See table above)	100%	7
Set Up Flutter Environment	Set Up Flutter Environment: Install necessary dependencies, configure project settings, and ensure Flutter is running properly, which we will all collaborate on through VS Code Extension plugin.	100%	10
Draft an initial sketch/wireframe	Completed the draft wireframe for Project details page as part of the improved donation process	100%	3
Total			20

Fatima Individual Progress Report

Title	Task Description	Progress (%)	Time (hours)
General – Coursework	(See table above)	100%	7
Set Up Flutter Environment	Develop Initial UI Layout: Implement the foundational structure of the Project Information Page in Flutter using accessible components.	30 %	6

Develop Wireframes for Project Information & Donation Pages	Completing the initial sketch/wireframe as a plan for an improved donation process: Refine wireframes and document design choices	100 %	3
Total			16

Deema Individual Progress Report

Title	Task Description	Progress (%)	Time
General – Coursework	(See table above)	100%	7
Set Up Flutter Environment	Develop Initial UI Layout: Implement the foundational structure of the Project Information Page in Flutter using accessible components.	30%	6
Develop Wireframes for Project Information & Donation Pages	Completing the initial sketch/wireframe that wasn't fully done last sprint: Draft wireframes for donation amounts as part of the improved donation process	100%	3
Total			16

Sprint Reflection

What went well	What not as planned	What Improvements should take for next sprint
We were able to successfully set up the Flutter environment by	Fatima and Deema had to work based on Al Anoud's Flutter setup, which ended up taking longer than	To improve, we need to reassess time estimates based on the real-time progress we've seen in this sprint. Thus, our goals for

downloading all the dependencies and ensure that Flutter is running	the initially estimated 6-7 hours (10 hours instead).	the next sprint will be more reasonable. Additionally we can divide the UI development into smaller, more manageable components to allow for steady progress.
Our proposed solution was approved by the client during our meeting with him and his QRCS-IT team colleague (current QRCS App developer).	While our client was very understanding of our solution, his colleague (who we never met previously) was initially not convinced. This created a challenge in having to accommodate and re-clarify our solution to the colleague. Fortunately, he had a clear understanding of our solution.	To improve, we need to ensure that the primary and secondary members of the QRCS IT team are understanding of our proposed solution, specifically early on in our development, to prevent last-minute objections.

3. Blocks and Problems

Block / Problem Description	Reason for Block	Mitigation Plan	Project Impact
Difficulty in using Flutter for UI development	It's our first time using Flutter and therefore, we underestimated the learning curve and how much time we needed to get used to its style, coding language, etc..	Allocate additional time for learning, use official documentation and tutorials, and seek help from experienced developers or forums	Delayed progress; only 30% of the initial UI layout goal was completed

4. Goals / Targets for the Next Sprint

Title	Task Description	Team Member	Estimated Time
Set Up Flutter Environment	Finish up the 70 % Remaining Development of Initial UI Layout: Implement the foundational structure of the Project Information Page in Flutter using accessible components.	Fatima and Deema	10 hours

Adding Icons/Buttons	Creating the necessary icons (cart, menu, etc.) on the Project Details Page and implementing the accessibility VoiceOver labels for the icons.	Al Anoud	6-7 hours

5. Community Partner Relationship

- During the week of the 17th of February to the 2nd of March, we have maintained a formal and professional state of communication with the client.
- Specifically, we communicated with Mr. Saheem to kindly request his feedback on our proposal, and if he'd be willing to discuss them in a meeting. To maintain the formality of our messages, we ensured to include appropriate openings and closings. In addition, we made sure to be flexible in our meeting times with the client by meeting after his business hours (after 4pm).
- Overall, we have managed to sustain a professional and informative relationship with our client.