Sprint Report 4

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 (02/03/2025 - 09/03/2025)

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 (Specifically, typeface) and had an engaging conversation with him during the weekly Zoom meeting 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- Demo and Detailed Plan	We met together from 10 p.m. - 2 a.m. to work on refining	All	5

	our wireframes, and the Flutter prototype progressed. We also created a script so we can explain the changes between the current QRCS app and the new redesign we've created. We utilized our Trello plan to visualize our timeline and find our main milestones for the detailed work plan		
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%	12
Adding Icons/Buttons	Creating the necessary icons (cart, menu, etc.) on the Project Details Page and implementing the accessibility VoiceOver labels for the icons.	100%	6
Total			**18**

Fatima Individual Progress Report

Title	Task Description	Progress (%)	Time (hours)
General – Coursework	(See table above)	100%	12
Set Up Flutter Environment	**Finish up the 70 % Remaining Development of Initial**	100 %	8

	UI Layout: Implement the foundational structure of the Project Information Page in Flutter using accessible components.		
Total			**20**

Deema Individual Progress Report

Title	Task Description	Progress (%)	Time
General – Coursework	(See table above)	100%	12
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.	100%	8
Total			**20**

Sprint Reflection

What went well	What not as planned	What Improvements should take for next sprint
We successfully ensured that all elements in the wireframe are in place and designed accordingly to the Web Content Accessibility Guidelines (WCAG).	Specifically, we took an extra step of finding each sub-guideline for each of our design choices with the WCAG. This helped showcase our changes in contrast to the older version, and in the context of digital accessibility during our demo.	For the next sprint, we can check over WCAG and ensure that all our work is up to date and that we haven't missed any guidelines or subsections. This will be important during testing if we were to find any problem areas within our prototype.

We successfully reached an MVP (Creating a structured layout for the page, had some of the icons present as well as the photo) and created a demo for the project.	The discovery that QRCS uses a paid font (Boutros MarcoPolo) required us to find an alternative similar font that maintains accessibility and readability	We should prioritize earlier verification of info to avoid last-minute design changes. Since we're still in the design process, for this sprint, we can make sure that we don't have any remaining design questions before we delve into testing.

3. Blocks and Problems

Block / Problem Description	Reason for Block	Mitigation Plan	Project Impact
QRCS uses a paid font for their mobile application.	This is because QRCS purchased a font under the Boutros MarcoPolo, which has a range of bilingual typefaces and is a modern sans serif collection designed for maximum legibility.	Since they are using a sans serif font, we decided to choose a similar one to the one they're using and one that is still digitally accessible.	Minimal Impact since we were able to easily mitigate it. Additionally, since we're only creating a prototype, QRCS can use our code but still keep their original font which is accessible as well.
Learning curve in understanding the intricacies of the Web Content Accessibility Guidelines.	Understanding the intricacies of WCAG took longer than expected due to its detailed compliance requirements, success criterias and its many sub-guidelines.	Focus on key WCAG principles applicable to our project, then focus on the sub-guidelines under it. Specifically we worked on WCAG 2.1 and then focused on whatever falls under it since 2.1 focuses on web digital accessibility.	Slower progress in implementing accessibility features, but ensures a better final product.

4. Goals / Targets for the Next Sprint

Title	Task Description	Team Member	Estimated Time
3 small Red - Information Buttons	Implement the UI components of the 3 small red buttons that are beside each other including the size, the proper shape (Rectangular with curved edges) as well as the icons on each button with the proper size as well to follow WCAG.	Deema	6
1 long Red - Information buttons	Implement the UI components of the 1 long red buttons including its size, the proper shape (Rectangular with curved edges) as well as the donut chart and the texts (With proper text size and font) as well to follow WCAG.	Fatima	6
2 Purple - Donation buttons	Implementing the front and back-end of the purple donation buttons (the form user-input for their donation amount and the "Add to Cart" button). The front-end will consist of ensuring the shapes are rectangular with curved edges and with the correct text, while complying with the WCAG. For the buttons' functionalities, the user should be able to input a donation amount and have it readable by the VoiceOver, along with a with a pop-up message notifying the users when clicking "Add to Cart". In addition, all elements will have labels to be read by the VoiceOver.	Al Anoud	6

5. Community Partner Relationship
- During the week of the 2nd of March to the 9th of March, we have maintained a formal and professional state of communication with the client.
- Specifically, we met with Mr. Saheem through Zoom to inquire about QRCS's current font type and typeface before the development of our prototype, ensuring that our Figma wireframe design aligns with their branding requirements. Our proactive communication helped us clarify design constraints and make necessary adjustments accordingly.
- We also made sure to send him a reminder through WhatsApp and ensure that the meeting time still works for him. Furthermore, we created a calendar invitation and added him to it so he can easily access the Zoom link.
- Overall, we have managed to sustain a professional and informative relationship with our client.