University of California San Diego
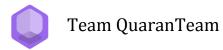# CSE 110 - Fall 2020

System Requirements

Team QuaranTeam

Unduwap Kandage Don - Project manager
Branson Beihl - Database Specialist
Vivian Chiong - Senior System Analyst
John Ge - Software Development Lead
Patrick Jorgensen - Quality Assurance Lead
Daniel Kubeck - Business Analyst
Andrew Liang - Software Architect
Tri Truong - Algorithm Specialist
Danny Vo - Software Architect
Angela Wang - User Interface Specialist
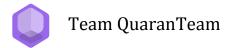Dominick Lee - Software Development Lead

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<u>Legend</u>

Priority

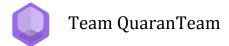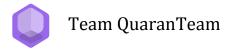|	
1	Must Have: Main features that make the application a minimum viable product
2	Should Have: Feature that would add useful functionality to the application
3	Nice to Have: Features that are not essential to the application's goal

Status

D: Dropped
NS: Not Started
IP: In Progress
C: Complete

<u>Glossary</u>

Users	The users of the application, including both organizations and individuals.
Organizations	Users representing nonprofits, companies, or philanthropic groups.
Individuals	Individual users of the app aiming to support a philanthropic cause.
Cause	The philanthropic category that aligns with the organizations and their events. Causes could be general (health), specific (lung cancer), or religious (Christian).
Skills	These are skills that the individuals would have. Skills include knowing how to cook, knowing how to sew, knowing how to draw, knowing how to give speeches, and many more. These also include having resources such as time, money, or a car.

SR-1.1: Register

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-1.1
Description	The system shall allow the user to register by creating an account.

SR-1.2: Login

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-1.2
Description	The system shall allow the user to log into their account using their credentials.

SR-1.3: Logout

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-1.3
Description	The system shall allow the user to log out and return to the login screen.

SR-1.4: Continue as Guest

Priority	3 - Nice to Have
Status	Dropped
Use Case(s)	UC-1.4
Description	The system shall allow individual guest users.

SR-2.1: Modify Profile

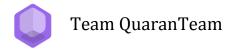| Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-2.1, UC-2.2
Description	The system shall allow the user to fill in and edit their information in their account profile.

SR-3.1: Filter Organizations by Cause and Distance

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-3.1
Description	The system shall allow the individual user to explore organizations with filters by cause and distance.

SR-3.2: Filter Events by Skills and Distance

Priority	2 - Should Have
Status	Complete
Use Case(s)	UC-3.2
Description	The system shall allow the individual user to explore events with filters by skills and distance.

SR-4.1: Manage Events (Organization)

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-4.1
Description	The system shall display events the organization user had made on their news feed.

SR-4.2: Discover Following Organization's Events (Individual)

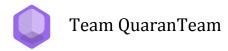|	
Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-4.5
Description	The system shall display events from organizations that individual user's follow to the individual user's news feed.

SR-5.1: Create Event

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-5.1
Description	The system shall allow the organization user to post an event to the news feed.

SR-5.2: Edit Event

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-5.2
Description	The system shall allow the organization user to edit their event after publishing it.

SR-5.3: Delete Event

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-5.3
Description	The system shall allow the organization user to delete an event.

SR-6.1.i: Follow Organization

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-6.1
Description	The system shall allow the individual user to follow an organization to include the organization's events in their news feed.

SR-6.1.ii: Unfollow Organization

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-6.1
Description	The system shall allow the individual user to unfollow an organization to exclude the organization's events from their news feed.

SR-6.2: View Organization's Information

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-6.2
Description	The system shall display the organization's information to the individual user.

SR-6.3: View Event's Information

Priority	1 - Must Have
Status	Complete
Use Case(s)	UC-6.3
Description	The system shall display an event's information to the individual user.