https://gitlab.cas.mcmaster.ca/zamana11/se3xa3-project

Project manager

Project dates Jan 12, 2021 - Apr 12, 2021

Completion100%Tasks73Resources3

Project timeline and deliverables for SE 3XA3 SocialPy Application. This document includes team members and their assigned tasks.

Name	Begin date	End date	
Team Formation	1/12/21	1/18/21	
Project Approval	1/18/21	1/25/21	
Brainstorm ideas	1/18/21	1/25/21	
Identify test cases & feasibility	1/18/21	1/25/21	
Problem Statement	1/25/21	1/28/21	
Problem Scope & description	1/25/21	1/28/21	
Stakeholders	1/25/21	1/28/21	
Problem Statement Due	1/29/21	1/29/21	
Development Plan	1/29/21	2/4/21	
Git Workflow plan	1/29/21	2/4/21	
Role assignments	1/29/21	2/4/21	
Project schedule	1/29/21	2/4/21	
Coding style	1/29/21	2/4/21	
Technology	1/29/21	2/4/21	
POC plan	1/29/21	2/4/21	
Development Plan Due	2/5/21	2/5/21	
Requirements Doc Revision 0	2/6/21	2/11/21	
Project Drivers	2/6/21	2/11/21	
Functional Requirements	2/6/21	2/11/21	
Non-Functional Requirements	2/6/21	2/11/21	
Project Issues	2/6/21	2/11/21	
Appendix	2/6/21	2/11/21	

Requirements Doc Due 2/12/21 2/12/21 2/12/21	Name	Begin date	End date
Setup Firebase DB console Create a firebase DB project and configure the JSON structure for the various components of the app(ie; Profile, Posts, Users) Implement Firebase API Base modules This is the module class that will be used to create an instance of the firebase DB in order to communicate with the firebase This will include modules for interfacing with the DB as well as built-in authentication. Implement basic Posts module functions AddPost: Given a users message as a string, append it to the Posts subtree. POC due 2/22/21 2/22/21 Ongoing Development (Post-POC) Revised development. This includes continued development of remaining modules such as Delete, Edit Profile, etc along with the development of the posts Module Implement Posts Module Implement Destace Structionality. Implement Profile modules Indeparate for user. View Profile. Integrate the existing modules Integrate existing modules acontroller module. Develop Parser module 2/22/21 3/21/21 Test Plan Revision 0 2/23/21 3/4/21 Test Plan Revision 0 2/23/21 3/4/21 Test Plan Description 2/23/21 3/4/21 Test Plan Description 2/23/21 3/4/21 Tests for POC	Requirements Doc Due	2/12/21	2/12/21
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	Existing implementation comparison	2/23/21	3/4/21

Name	Begin date	End date	
Unit Testing Plan	2/23/21	3/4/21	
Test Plan Revision/Report 0 Due	3/5/21	3/5/21	
Design & Doc revision 0	3/6/21	3/17/21	
Introduction	3/6/21	3/17/21	
Anticipated & Unlikely Changes	3/6/21	3/17/21	
Module Hierarchy	3/6/21	3/17/21	
Connection Between Reqs & Design	3/6/21	3/17/21	
Module Decomposition	3/6/21	3/17/21	
Tracability Matrix	3/6/21	3/17/21	
User Hierarchy between modules	3/6/21	3/17/21	
Design & Doc revision 0 Due	3/18/21	3/18/21	
Revision 0 Demo	3/22/21	3/22/21	
Product Revision 0 demo for progress since POC.			
Final Development	3/22/21	4/4/21	
Ongoing Product Development progress meeting/showcase	2/22/24	4/4/04	
Complete Posts module Complete Delete posts module	3/22/21	4/4/21	
Compete Profile module	3/22/21	4/4/21	
Complete Follow/unfollow module.	GIZZIZ I	7/7/ ८ I	
Complete Parser module Complete command parser module	3/22/21	4/4/21	
Complete revised controller/main module Complete main/controller module in order to interact with the entire system	3/22/21	4/4/21	
Complete Test Modules Complete Test modules	3/22/21	4/4/21	
Unit Testing Conduct Unit Tests and record the results	3/22/21	4/4/21	

Name	Begin date	End date
Authentication Testing	3/22/21	4/4/21
System Testing	3/22/21	4/4/21
Integration Testing	3/22/21	4/4/21
NFR Testing	3/22/21	4/4/21
FR Testing	3/22/21	4/4/21
Final Development Demo Due	4/5/21	4/5/21
Final Documentation Revision	3/22/21	4/11/21
Revise all documents and make the necessary changes. This applies to the following: - Problem Statement - Development Plan - Requirements Document - Design Document - Test Plan - Test Report - Users Guide (optional) - Source Code		
Complete Test Report	3/22/21	4/11/21
Complete Test Report		
Code Coverage Metrics	3/22/21	4/11/21
NFR Evaluation	3/22/21	4/11/21
FR Evaluation	3/22/21	4/11/21
Trace to Requirements	3/22/21	4/11/21
Trace to Modules	3/22/21	4/11/21
Changes due to Testing	3/22/21	4/11/21
Final Documentation Due Final Documentation (Revision 1)April 12	4/12/21	4/12/21

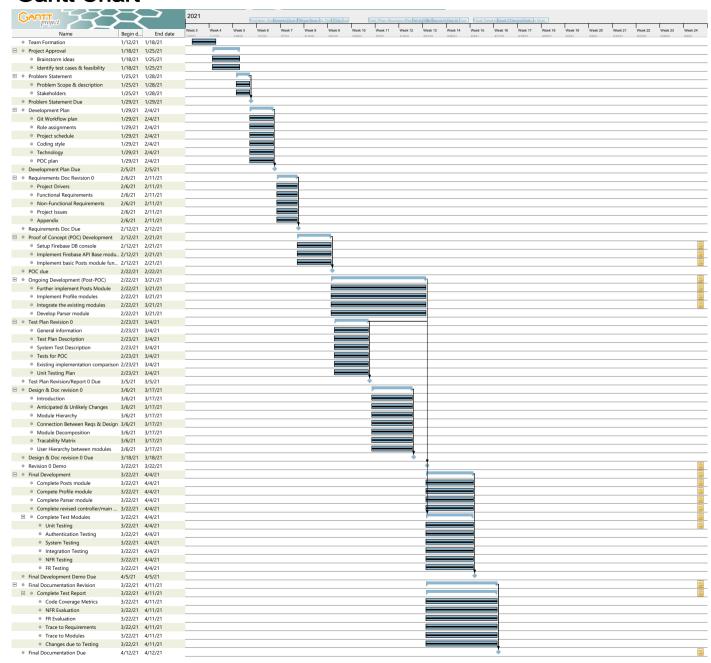
Final Documentation (Revision 1)April 12
Includes Problem Statement- Development Plan- Requirements Document- Design Document- Test Plan- Test Report- Users
Guide (optional)- Source Code

Resources

Name	Default role
Anando Zaman	Development Lead
Graeme Woods	Developer
Yuvraj Randhawa	Developer

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Gantt Chart



3XA3 Project Plan
Apr 7, 2021

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Resources Chart

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Anando Zaman	Development Lead		66%	30% 9	98%					98%	40%	67%		30%								
Graeme Woods	Developer		66%	30%						98%	409	% 66%		30%								
Yuvraj Randhawa	Developer		66%	30% 9	98%	88%				98%	409	66%		30%								