

Project Plan

Project Name: Tresearch
Application Type: Web Application

Trial By Fire
Jessie Lazo
Matthew Chen (Team Lead)
Pammy Poor
Viet Nguyen

Instructor: Vatanak Vong

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1. High level

a. Fall 2021

i. Quarter 1

1. Milestone 1 (Week 1-7)

- a. Business requirement document
- b. Technology specifications document
- c. Site map document
- d. High Level Design document

ii. Quarter 2

1. Milestone 2 (Week 8-10)

- a. Project plan document
- b. Test plan document
- c. Network diagram document
- d. Milestone 1 document revisions*

iii. Quarter 3

1. Milestone 3 (Week 11-16)

- a. Low Level Design document
- b. UM
- c. Logging
- d. Milestone 2 document revisions

b. Spring 2022 (**This was based off github of CECS 491B** **Spring 2021 Syllabus**)

i. Quarter 1

1. Code Review 1 (Week 1-7)

- a. BRD features
 - i.
- b. Retrospective (Week 5)**
- c. Code Review 1 (Week 7)**

ii. Quarter 2

1. Code Review 2 (Week 8-11)

- a. BRD features
- b. Retrospective 2(Week 9)**
- c. Code Review 2 (Week 11)**

iii. Quarter 3

1. Code Review 3 (Week 12-15)

- a. BRD features
- b. Retrospective 3 (Week 13)**
- c. Code Review 3 (Week 15)**

iv.

2. Low level

a. Fall 2021

i.

b. Spring 2022

- i. Quarter 1 (Week 1-3)
 1. Initial database setup
 - a. User database
 - b. Tree database
 2. Network Communication
 - a. Connection between frontend and backend
 3. Registration
 4. Login/Logout
 5. User Management
 - a. Modifying account details (password, phone number)
 - b. Deleting account
 6. User Access Control
 - a. Access to non-logged in accessible features
 - b. Access to logged in features
 7. Logging
 - a. Logs for errors
 - b. Archiving logs
- ii. Quarter 2 (Week 4-6)
 1. Creating node
 - a.
 2. Deleting node
 3. Changing content of node
 4. Changing parent of node
 5. Changing tag of node
- iii. Quarter 3 (Week 7-9)
 - 1.
- iv. Quarter 4 (Week 10-12)
 - 1.
- v. Quarter 5 (Week 13-15)
 - 1.

Logging																			
User Management																			
User Access Control		Changing tag																	
Login/Logout		Changing parent			Rating														
Registration		Changing contents			Searching														
Network Communication		Deleting a node			Setting private/public			Pasting a node											
Initial database setup		Creating a node			Usage Analysis Dashboard			Copying a node											
Data Store Access																			
Error Handling																			
Documentation																			
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17			
Quarter 1			Quarter 2			Quarter 3			Quarter 4			Quarter 5							