

# Project Plan for ProjectU

## WIBBFYA

The ProjectU app is a dedicate project management assistant. It is specialized for small enterprises' and students' usage. User can create project groups, make task plans, schedule meeting, trace task history, etc.

## Project Documentation Plan

### Introduction:

The project documentation will include architecture and all design models. The Project Documentation will also include two Appendixes for the README.md and the User's Guide. The purpose of the project documentation is to supplement the code deliverable with all relevant project information. The Project Documentation will be in the form of a .pdf document and will be delivered and presented on April 12<sup>th</sup>.

Task ID	Description	Owner	Start	Finish	Dependencies
Project Description	The initial project description needs to be updated according to new function and architect	Shimingyi Chen	2/15	4/10	None
Requirement	The initial requirements document needs to be cleaned up, refined, and finalized.	Xiaolai Ye	02/24	03/10	None
UseCase	Expand the user story for first sprint to include more advanced features added in the following sprint	Yuchen Wang	02/17	03/27	Requirements
System Architecture	The draft system architecture needs to be updated and finalized	Hui Li	03/10	03/14	Requirements
Design Model	Update architectural diagrams of user-model, and make adjustment according to implementation	Shengzu Tong	03/15	04/01	System Architecture
ReadMe	ReadMe file for how to configure running environment, and how to build and run our code	Shimingyi Chen	04/08	04/10	None
UserGuide	Navigate users through each section of our website. Guide users to perform each functions of ProjectU	Xiaolai Ye	04/08	04/10	UseCase

## Code Development

This is a complete project plan for the development of ProjectU. This Project starts from February 15<sup>th</sup> and should end before April 5<sup>th</sup>. All project code (including frontend Node.js code and backend java code) should be push to GitLab before April

5<sup>th</sup>. During two months of development, we should finish three sprints and write system test for each sprint.

### Sprint 1

Sprint 1 will be delivered on March 6<sup>th</sup> and contain some initial functionality to test an end-to-end flow. Specifically, the initial use case (as documented in the use case documentation) allows a user to login with a valid Duke ID and if valid displays a dummy panel.

Task ID	Description	Owner	Start	Finish	Dependencies
GenUI	Create a generic UI view standard	Xiaolai Ye	02/17	03/01	
LogonUI	Create the Logon Screen view and associated Controller for the view. Controller should pass credentials to AuthEng	Hui Li	03/01	03/06	User database
AuthEng	Authentication class for receiving credentials. Credential is used to encrypt messages and chat logs.	Shengzu Tong	02/17	03/06	Agreement on LogonUI
UserDB	Create database for user information	Yuchen Wang	02/17	03/01	Agreement on User data model
ContView	Create the contact view, showing a list of contacts	Shimingyi Chen	03/01	03/06	Agreement on User data model

### Sprint 2

Sprint 2 will be delivered on March 27<sup>th</sup> and contain some

Task ID	Description	Owner	Start	Finish	Dependencies
ContAdd	Create a add contact view. Controller should communicate with UserDB to add a contact	Shengzu Tong	03/07	03/14	UserDB
GrpChat-C GrpChat-S	Client controller (C) passes contacts info to Server controller (S), Server controller verifies request with UserDB and establish a group chat.	Yuchen Wang	03/12	03/27	ContAdd
GrpLogView	Client chat log view	Shimingyi Chen	03/20	03/27	GrpChat-C

ProjDB	Create database for project informations	Xiaolai Ye	03/17	03/27	Agreement on project data model
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### Sprint 3

Sprint 3 will be delivered on April 5<sup>th</sup> and contain some

Task ID	Description	Owner	Start	Finish	Dependencies
ProjCreate	Users are allowed to create projects and add descriptions. After that, users should be allowed to add members and assign the title for them like developer, tester. The User who create the project becomes the project owner.	Shengzu Tong, Shimingyi Chen	03/27	03/31	None
ProjEdit	The user should be allowed to view all the projects he/she is involved. Only the project owner is allowed to edit the project including add a new member, delete a member, edit the description.	Shengzu Tong, Shimingyi Chen	03/31	04/05	ProjCreate
EventRaise	Users in the project is allowed to raise a event like meeting include the description and option like time and location. The event owner is allowed to edit the event , choose if the result is open to all the members and finalize the event.	Hui Li, Xiaolai Ye	03/27	03/31	None
EventVote	Users in the project is allowed to vote on the event. The results are collected and sent to the event owner.	Hui Li, Xiaolai Ye	03/31	04/05	EventRaise
Reminder	Set an alarm for each event confirmed at or before event time	Yuchen Wang	03/31	04/05	EventRaise

