

# Sprint 1 Planning

September 27th, 2022 - October 4, 2022

## CAPACITY

1. Josh: 8 hours
2. Matthew: 8 hours
3. Judy: 8 hours
4. Githel: 8 hours
5. Haley: 8 hours
6. Allison: 8 hours

**Total:** 48 hours

## ASSIGNED WORK

Team Member	Task	Points
Josh	Project Plan - Project Schedule & Technical Process	2
Josh	High Level Design - MariaDB Database Security	2
Josh	BRD - Functional Features: Incomplete Task Summary, Photo/Documentation Upload	2
Josh	RFP Adjustments - Function Features	2
Matthew	BRD - Database Errors	2
Matthew	Project Plan - Project Scope and Goals	2
Matthew	HLD - Database Error Handling	2
Judy	HLD diagram - Backend	2

	Server Side	
Judy	HLD Doc - IAM	2
Judy	HLD Doc - Entry Point, client-side security	2
Judy	Project Plan - Risks	2
Githel	Front-End Architecture - MVVM Design	3
Githel	HLD Front-End Explanation - MVVM, Client-side Error Handling, Client-side Logging	3
Githel	Project Roadmap - Semester 1 and 2 sprint resources/hours	2
Haley	Project Plan - Staff Organization, Team Communication and Reporting	3
Haley	Complex feature ideation	.5
Haley	HLD Draw.io - Application core and entry point	.5
Haley	BRD- Calendar, Nudging, System Failures	2
Allison	Project Proposal Revision - Future Features	1
Allison	Back-end Architecture - Routing	1.5
Allison	Back-end Architecture - Database, Microservices	2
Allison	Project Plan - Gantt Chart	2
Allison	Project Plan - Work Item Assignments	0.5
Allison	BRD - Competition, UAC, User Management	1

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## TASK BREAKDOWN

### Josh

1 Hour Set Up Research Project Schedule, 1 Hour for Implementation

1 Hour Research Technical Process Elements, 1 Hour for Implementation

1 Hour to Research MariaDB Database Security, 1 Hour for Implementation

2 Hours to Formulate & Implement Ideas for Functional Features - BRD & RFP

### Matthew

1 Hour for BRD and Project Plan Sections

1 Hour for Project Scope and Goals

### Judy

1 hour to research, implement backend architecture in HLD diagram

2 hour to research, implement, describe authentication server in HLD diagram and doc

0.5 hour to writing project risks for Project Plan

2 hour research, describe UI and Backend Security in HLD doc

### Githel

1 hour to research MVVM Architecture with React.JS integration

1 hour to draft Project Roadmap

2 hours to implement into Front-End HLD Schematic

1.5 hour to write HLD Front-End Explanation

1 hour to write Client-side Error Handling, Server-side Error Handling, and Client-side Logging

### Haley

0.5 hour for ideating ideas for complex feature

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0.5 hour for HLD front-end diagram

2 hours for BRD- Calendar, Nudging, System Failures

3 hours to write Project plan

1 hour to revise

## Allison

1 hour to research Nginx Web Server/API Controller and

1.5 hour to implement into Back-End HLD Schematic

1 hour to write HLD Server-side explanation

2 hours to plan project work items

0.5 hour to estimate hours and assign work items to team members

1 hour to revise future features for RFP

1 hour for BRD - Competition, UAC, User Management