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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

# 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 | 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 Server Side | 2 |
| 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 |

# 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

## Judy

1 hour to research, implement backend architecture in HLD diagram

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

30 min to writing project risks for Project Plan

2 hours 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

0.5 hour for HLD front-end diagram

2 hours for BRD- Calendar, Nudging, System Failures

3 hours to write Project plan

## 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