G.T.H.C. Project Plan

This document clarifies the order of the project's features and a thorough analysis of what is to come. The document specifies the delegation of responsibilities between the team and our project timeline to include making our short-term and long-term goals.

Team Roles:

1. The following team roles have been delegated:
   a. Web Application Development → Aman, Rikki
   b. Mobile Application Development → Vinit
   c. Design → Vinit, Rikki
   d. Backend → Aman
   e. Project Liaison to Client → Vinit
   f. Project Liaison to Line Monitors → Rikki

Project Timeline

Sprint #2

- ❏ September 24th → Project Plan Gitlab Wiki
  - ❏ September 28th → Project Plan Gitlab Issues
- ❏ September 25th → Prototype 1st Stage
  - ❏ September 28th → Prototype with basic features
  - ❏ September 29th → Client Demonstration, Team Sprint Report

Sprint #3

- ❏ October 10th → Baseline Prototype With Core Functionality
  - ❏ Prototype Demonstration
- ❏ October 24th → Baseline Demo

Sprint #4

- ❏ October 31st → Alpha (Partial Functionality)
  - ❏ Alpha Demonstration

Sprint #5

- ❏ November 14th → Beta (Full Functionality)
  - ❏ User Testing
- ❏ November 28th → Beta Demonstration

- ❏ December 5th → Robust Full Functionality
- ❏ December 10th → Technology transfer to client

Backlog & User Story

The following is a breakdown of the list of features for the project.

Sprint #2 - Basic Features

- ➢ The Prototype would include the following basic features:
  - ○ User Authentication
  - ○ Team Creation
  - ○ Basic calendar/schedule
  - ○ Navbar and Tabs
  - ○ Basic layout and navigation

Sprint #3 - Core Functionality

- ➢ This sprint will go more in depth on features including:
  - ○ Full Calendar/Scheduling
  - ○ When2Meet type functionality to record user availability
  - ○ Simple dashboard widgets to visualize important user data (Such # of hours spent tenting per teammate, upcoming information from line monitors, etc.)

Sprint #4 - Partial Functionality

- ➢ By this sprint, we intend to implement the following:
  - ○ Adding and Changing Shifts
  - ○ Full functioning dashboard
  - ○ Deploy project using one of many available cloud platforms (Google Cloud, AWS, Heroku, etc.)

Sprint #5 - Full Functionality

- ➢ The finishing touches and improvements would be made including the following:
  - ○ Final design
  - ○ Improvements from user testing
  - ○ Add data security