

****Project Requirement Document: Connect****

1. Introduction

Connect is a web-based platform designed to assist individuals in finding suitable teammates for hackathon events. The platform aims to streamline the process of forming effective and diverse teams by matching participants based on their skills, interests, and project preferences. This document outlines the fundamental requirements, product backlog, and workflow diagram for the Hackathon Teammate Finder project.

****2. Fundamental Requirements****

2.1 User Registration and Profile Management

- Users should be able to register and create a profile on the platform.
- The registration process should require basic information such as name, email, and password.
- Users should have the option to provide additional details such as their skills, experience, and areas of interest.
- Users should be able to update their profile information and manage their account settings.

2.2 Team Formation and Search

- Users should be able to search for potential teammates based on specific criteria such as skills, interests, and availability.
- The platform should provide a matching algorithm that suggests suitable team members based on user preferences.
- Users should be able to send and receive requests to join or form teams.
- Users should be able to view team profiles and member details to assess compatibility.

2.4 Communication and Collaboration

- The platform should facilitate communication between team members through messaging or chat features.
- Users should be able to share files, documents, and other resources within their teams.
- Notifications should be sent to users regarding team invitations, project updates, and other relevant activities.

****3. Product Backlog****

The following features and tasks should be included in the product backlog:

- User registration and authentication system
- Profile creation and management
- Team search and matching algorithm
- Team invitation and acceptance system
- Project creation and management
- User interface design and user experience enhancements
- Testing and bug fixing
- Deployment and hosting

****4. Workflow Diagram****

A workflow diagram illustrates the sequence of steps and interactions within the Hackathon Teammate Finder platform. Please refer to the attached diagram for a visual representation of the workflow.

[Workflow Diagram]

****5. Conclusion****

Connect project aims to simplify the process of forming effective hackathon teams by providing a platform that matches individuals based on their skills and project preferences. This requirement document outlines the fundamental requirements, product backlog, and workflow diagram to guide the development process. By implementing these features, the platform will enable participants to find compatible team members and foster collaboration, ultimately enhancing the hackathon experience.