

Product Backlog for CodeFlow.io

1. Project Management Features

- As a user, I want to create a new project repository so I can organize and manage software development efforts.
- As a user, I want to add team members to a project so that they can collaborate on the repository.
- As a user, I want to manage project-specific settings to customize collaboration rules.

2. Version Control System

- As a user, I want to push code changes to a remote repository so that my team can access the latest updates.
- As a user, I want to pull code changes from a remote repository to stay up-to-date with my team's progress.
- As a user, I want to branch, commit, fork, and clone repositories to work in parallel and avoid merge conflicts.

3. Bug Tracking

- As a user, I want to create bug reports on the Bugs Board to log issues found in the project.
- As a team, we want to assign and prioritize bugs so that they are handled efficiently.
- As a user, I want to resolve bugs and update their status to indicate progress.

4. Team Collaboration Features

- As a user, I want to chat with team members in real-time so that we can discuss project-related tasks.
- As a user, I want to attach files to my chat messages for better communication.
- (Future) As a user, I want to make voice calls within the platform to communicate effectively with my team.

5. Future Development Features

- (Future) As a user, I want an in-browser IDE to quickly make code edits without leaving the platform.

- (Future) As a user, I want GitHub Copilot integration for AI-assisted development within the platform.
- (Future) As a user, I want to publish the project to a GitHub repository using GitHub's API to make code sharing seamless.