

Personal Issue Tracker Proposal

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1 Problem

The goal of this product is to offer a comprehensive tool for tracking issues and features to be implemented. Will compliment git version control for easy tracking of the development and implementation process. In addition, it will allow for easy handling of issues that pop up throughout the development process.

2 Primary Stakeholder

Primarily designed with software development in mind, but could be used for most projects in the development and maintenance phase.

3 Graphical User interface

4 Data Structure

ProjectList \hookrightarrow Project \hookrightarrow IssueList \hookrightarrow Issues

5 Input Data File Format

N/A

6 Output Example

See GUI sketches

7 Milestones

7.1 Front End

- Initialize Program
- Kill Program
- Deserializing JSON
- Add new Issue
- Edit existing Issue
- Remove Issue
- Represent fields of Issue
- Create new Project

- Edit existing Project
- Remove Project

7.2 Back End

- Build an Issue Object
- Build a list of Issues
- Build a Project Object
- Implement a list of Projects
- Writing to Database (JSON)