Personal Issue Tracker Proposal

XTeam-212

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1 Problem

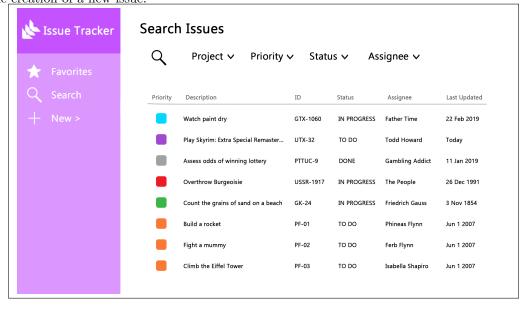
The goal of this product is to offer a comprehensive tool for tracking issues and features to be implemented. Will compliment git version control for easy tracking of the development and implementation process. In addition, it will allow for easy handling of issues that pop up throughout the development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

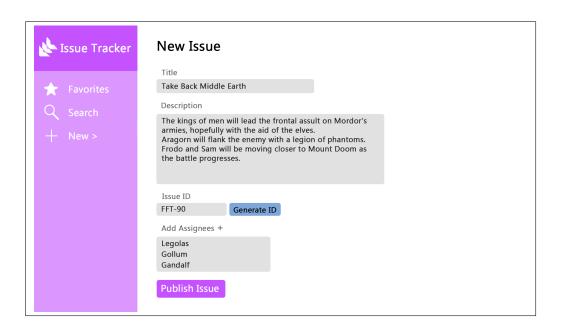
2 Primary Stakeholder

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

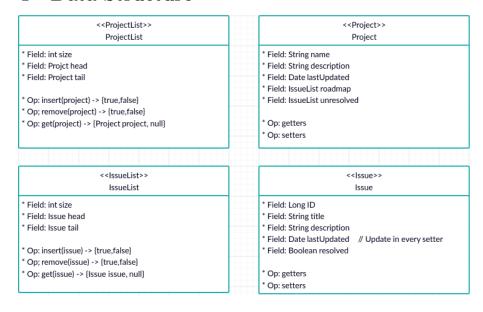
3 Graphical User interface

Upon application launch, IssueTracker initializes to a screen representing all current projects and issues (figure 1). Figure 2 represents a sample screen for the creation of a new issue.





4 Data Structure



5 Input Data File Format

N/A

6 Output Example

See GUI sketches

7 Milestones

7.1 Front End (Tyler and Martin)

- Initialize Program Martin
- Kill Program Martin
- Deserializing JSON Tyler
- Add new Issue Tyler
- $\bullet\,$ Edit existing Issue Tyler
- Remove Issue Tyler
- $\bullet\,$ Represent fields of Issue Tyler
- Create new Project Martin
- Edit existing Project Martin
- Remove Project Martin

7.2 Back End (Alec and Mingrui)

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