

# 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

Issue Tracker

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Project ▾

Priority ▾

Status ▾

Assignee ▾

Priority	Description	ID	Status	Assignee	Last Updated
🔵	Watch paint dry	GTX-1060	IN PROGRESS	Father Time	22 Feb 2019
🟡	Play Skyrim: Extra Special Remaster...	UTX-32	TO DO	Todd Howard	Today
⚫	Assess odds of winning lottery	PTTUC-9	DONE	Gambling Addict	11 Jan 2019
🔴	Overthrow Bourgeoisie	USSR-1917	IN PROGRESS	The People	26 Dec 1991
🟢	Count the grains of sand on a beach	GK-24	IN PROGRESS	Friedrich Gauss	3 Nov 1854
🟠	Build a rocket	PF-01	TO DO	Phineas Flynn	Jun 1 2007
🟠	Fight a mummy	PF-02	TO DO	Ferb Flynn	Jun 1 2007
🟠	Climb the Eiffel Tower	PF-03	TO DO	Isabella Shapiro	Jun 1 2007

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#### New Issue

Title

Take Back Middle Earth

Description

The kings of men will lead the frontal assault on Mordor's armies, hopefully with the aid of the elves. Aragorn will flank the enemy with a legion of phantoms. Frodo and Sam will be moving closer to Mount Doom as the battle progresses.

Issue ID

FFT-90

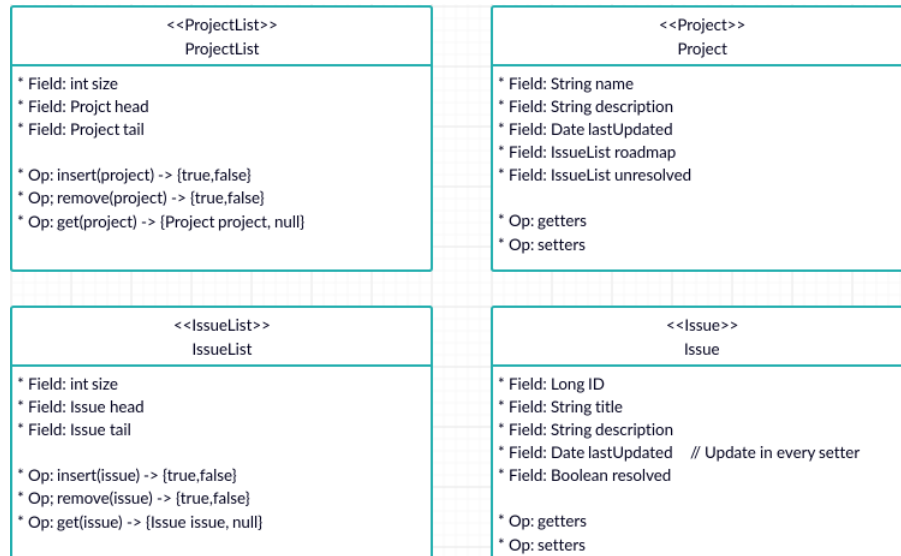
Generate ID

Add Assignees +

Legolas  
Gollum  
Gandalf

Publish Issue

## 4 Data Structure



## 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)