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*“Flag Finder”*

**Vision Statement:** We wish to allow programmers to organize their code *within their code*, without having to worry about creating a clean, organized set of tasks in the future. Give them the VCS of comments.

**Project Tracking Software:** Rally

**Version Control Repository:** GitHub*:* [*https://github.com/Tzinov15/FlagFinder*](https://github.com/Tzinov15/FlagFinder)

**Requirements in Agile Format**

*Business Requirements*

|  |  |  |
| --- | --- | --- |
| ***ID:*** | ***Topic:*** | ***Description:*** |
| *BUS-001* |  | *As an administrator, I expect the user to supply comments with proper syntax* |
| *BUS-002* |  | *As an administrator, I expect the user to have Python at least 2.x installed* |
| *BUS-003* |  | *As an administrator, I expect the user to know how to supply command line commands* |

*User Requirements*

|  |  |  |
| --- | --- | --- |
| ***ID:*** | ***Topic****:* | ***Description:*** |
| *USR-001* | Basic Functionality | *As a user, I want to be able to look up generally used flags (supplied by the program) in my source and have my flagged code returned to me* |
| *USR-002* | Database | *As a user, I want to be able to retrieve previous tasks regardless of whether they have been deleted or not (checking logs automatically with a command, don’t have to dig through log files)* |
| *USR-003* | Basic Functionality | *As a user, I would like to be able to supply the flags that the program searches for (custom user-specified flags)* |
|  | *Output* | *As a user I would like to have a formatted task list generated for me.* |
| *USR-003* |  | *As a user I would like the program to have basic code awareness (within function, within class, etc.)* |

*Functional Requirements*

|  |  |  |
| --- | --- | --- |
| ***ID****:* | ***Topic:*** | ***Description****:* |
| *FUNC-001* |  | *The program should be able to generate lists of to-dos and tasks based off of parsing the users code* |
| *FUNC-002* |  | *The program will keep a database of the users todo’s and other notes.* |
| *FUNC-003* |  | *Have a configuration file that contains user specified details on how output should look, what flags to look for, etc.* |

*Non-Functional Requirements*

|  |  |  |
| --- | --- | --- |
| ***ID****:* | ***Topic****:* | ***Description****:* |
| *NONF-001* |  | *An easy to use and read command line interface* |
| *NONF-002* |  | *Add Ncurses UI* |
|  |  |  |