**Format for Users**

All user data is stored in a file named after said user which is placed in ***BugTrackerProject/users***

The first line of the file is the user’s password. The second is the user’s email.

|  |  |
| --- | --- |
| TestUserName |  |
| Password  Email@mail.com | |

**Format for Bug Reports**

All bug reports have a directory under ***BugTrackerProject/reports*** with a numerical directory name.

In the reports directory, there is a ***manifest.txt*** where each line lists a numerical folder.

|  |  |
| --- | --- |
| manifest.txt |  |
| 1  2  3  .  .  .  11 | |

Within a report’s folder is a ***metadata*** file which contains the Title of the report and status of the report followed by the usernames of everyone who will receive a notification from the report.

|  |  |
| --- | --- |
| metadata |  |
| Title  Resolved  User1  User2  User3  .  .  .  User4 | |

The folder also contains numerically named files, each of which is a version of the bug report. Newer versions of the bug report will have higher numerical values. The first line of a report file is the name of the authoring user. The second is the UNIX time that the report was created. Any text after the first line will be contents of the bug report.

|  |  |
| --- | --- |
| 1337 |  |
| AuthoringUsername  Int UNIX time created  This is a bug report  Here are some contents! There can be all sorts of text in here! | |