**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 name followed by a space. The rest of the line is the title of the bug report excluding any line break or carriage returns.

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

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

|  |  |
| --- | --- |
| metadata |  |
| 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. 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! | |