**Sprint #7 Plan**

**for the**

**Hotspotter Bug Prediction Software**

**CS 425 / CS 499 Senior Project**

**by**

**Nathan Reinhardt**

**Spencer Smith**

**Dylan Williams**

**of**

**Team HotSpotter**

**Sprint #6 Plan**

**Revision 1.0**

**As Of: 9 February 2016**

* Research algorithm (9 p-h)
* Test algorithm (9 p-h)

**Goal:** **Research Algorithm**

**As a researcher, I want to find ways to constantly make our algorithm more efficient.**

* Obtain and store timestamps of git commits 10 (p-h)
* Save time chunks 10 (p-h)

**Goal: Snapshot/Parameter based scoring**

**As the hotspotter app. We can store the timestamps of the git commits and cache them at different peiords of time.**

* Refactor all api error handling (10 p-h)
* Create UI error modal (10 p-h)

**Goal: Proper Error Handling**

**As the hotspotter app, when something goes wrong, a user will be effectly prompted on what happened**

# Week 1

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tasks** | **Mon 02/8** | **Tues**  **02/9** | **Wed 02/10** | **Thurs 02/11** | **Fri 02/12** | **Sat 02/13** | **Sun 02/14** | **Work Remaining** |
| **Snapshot/Parameter based scoring** |  |  |  |  |  |  |  | 20 |
| * **Dylan** | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 5 |
| * **Nate** | 0 | 0 | 1 | 0 | 2 | 3 | 0 | 6 |
| * **Spencer** | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 5 |
| **Proper Error Handling** |  |  |  |  |  |  |  | 3 |
| * **Dylan** | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| * **Nate** | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| * **Spencer** | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 1 |
| **Research Scoring Algorithm** |  |  |  |  |  |  |  | 17 |
| * **Dylan** | 0 | 0 | 0 | 0 | 2 | 3.66 | 0 | 5.66 |
| * **Nate** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| * **Spencer** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# Week 2

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tasks** | **Mon 02/15** | **Tues**  **02/16** | **Wed 02/17** | **Thurs 02/18** | **Fri 02/19** | **Sat 02/20** | **Sun 02/21** | **Work Remaining** |
| **Snapshot/Parameter based scoring** |  |  |  |  |  |  |  | 20 |
| * **Dylan** | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 5 |
| * **Nate** | 0 | 0 | 1 | 0 | 2 | 3 | 0 | 6 |
| * **Spencer** | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 5 |
| **Proper Error Handling** |  |  |  |  |  |  |  | 3 |
| * **Dylan** | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| * **Nate** | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| * **Spencer** | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 1 |
| **Research Scoring Algorithm** |  |  |  |  |  |  |  | 17 |
| * **Dylan** | 0 | 0 | 0 | 0 | 2 | 3.66 | 0 | 5.66 |
| * **Nate** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| * **Spencer** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | | | | 58 (p-h) |