**Sprint #6 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: 26 November 2016**

* Write front end tests (10 p-h)
* Write Backend tests (10 p-h)

**Goal:** **Write Front and Back End Unit Tests**

**As a developer, I will have tests for every function I wrote**

* Obtain and store timestamps of git commits 10 (p-h)
* Incorporate timestamps into scoring algorithm 10 (p-h)

**Goal: Refactor Scoring Algorithm**

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

* Update Project Plan (1 p-h)
* Update Risk Plan (1p-h)
* Update Quality Plan (1 p-h)

**Goal: Update Documentation**

**As a team, we want our documentation to be up-to-date with all current specifications**

**Goal: Research Scoring Algorithm**

* Read client provider documentation (8.5 p-h)
* Find outside sourced documentation (8.5 p-h)

**Team wants all wants to find a testing framework that works best with their code practices**

# Week 1

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tasks** | **Mon 01/25** | **Tues**  **01/26** | **Wed 01/27** | **Thurs 01/28** | **Fri 01/29** | **Sat 01/30** | **Sun 01/31** | **Work Remaining** |
| **Write Front and Back End Unit Tests** |  |  |  |  |  |  |  | 20 |
| * **Dylan** | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 3 |
| * **Nate** | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 4 |
| * **Spencer** | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| **Refactor Scoring Algorithm** |  |  |  |  |  |  |  | 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 |
| **Update Documentation** |  |  |  |  |  |  |  | 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 02/01** | **Tues**  **02/02** | **Wed 02/03** | **Thurs 02/04** | **Fri 02/05** | **Sat 02/06** | **Sun 02/07** | **Work Remaining** |
| **Write Front and Back End Unit Tests** |  |  |  |  |  |  |  | 20 |
| * **Dylan** | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 4 |
| * **Nate** | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 4 |
| * **Spencer** | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 4 |
| **Refactor Scoring Algorithm** |  |  |  |  |  |  |  | 20 |
| * **Dylan** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| * **Nate** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| * **Spencer** | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 |
| **Update Documentation** |  |  |  |  |  |  |  | 3 |
| * **Dylan** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| * **Nate** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| * **Spencer** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Research Scoring Algorithm** |  |  |  |  |  |  |  | 17 |
| * **Dylan** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| * **Nate** | 0 | 0 | 0 | 3.66 | 0 | 0 | 2 | 5.66 |
| * **Spencer** | 1 | 0 | 1 | 0 | 3.66 | 0 | 0 | 5.66 |
| Total | | | | | | | | 60 (p-h) |