Sprint #6 Plan

for the

Hotspotter Bug Prediction Software

CS 425 / CS 499 Senior Project

by

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Sprint #6 Plan

Revision 1.0

As Of: 26 November 2016

Goal: Write Front and Back End Unit Tests

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

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

Goal: Refactor Scoring Algorithm

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

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

Goal: Update Documentation

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

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

Goal: Research Scoring Algorithm

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

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

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)