

Project Plan

Team Roles:

Product Owner: Maggie Hewitt

Scrum Master: Brian Hansen

Development Team: Maggie Hewitt, Brian Spates, Brian Hansen, Jason Greaves

Measures:

Story Points

- Story points planned per person per sprint
- Story points completed per person per sprint
- Total story points planned for sprint
- Total story points completed during sprint
- Maximum story points allowed in the sprint per person is 13.

Defects

- Description
- Severity
- Status
- Owner

Metrics:

- Velocity (story points vs. time, hours vs. time)
- Story points per defect
- ~~Burndown (story points remaining vs. time)~~

Meetings:

Backlog Grooming

- Add (or remove if applicable) items from backlog
- Estimate story points to items
- Story points are in fibonacci numbers (1,2,3,5,8...)

Sprint Planning Meeting

- Select items for sprint
- Assign items to development team members for sprint
- Estimate hours at the task level

Stand Up Meetings

- Due to scheduling conflicts we will be conducting daily standups through snippets.
- What you did yesterday, what you going to do today, any blockers
- Via slack

Sprint Retrospective

- Short meeting at end of sprint
- Go over what did and didn't go well

Sponsor Meetings

- Discuss blockers
- Change product backlog as necessary

- Mid-sprint sponsor meetings are only if needed
- If end of sprint show sponsor sprint deliverables

Scrum Facets:

Product Backlog

- ordered list of everything that might be needed in the product

Sprint Backlog

- created during that sprint planning meeting at the beginning of each sprint
- list of tasks to be completed in the sprint

Velocity Chart

- Visual representation of story point completion amount per sprint

~~Burndown chart~~

- ~~Graphical representation of story points remaining vs. time~~

Development Tools:

Slack

- for team communication and standups

Trello

- task organization and management

Example Schedule:

Sprint Length: 2 weeks

Estimated 5-6 sprints based on first sprint start date.

Sprint 0: Weeks 5

- Create initial product backlog, install development tools, other necessary tasks to prepare for Sprint 1

Sprint 1: Weeks 6-7

Mid-term peer evaluations with sponsor and coach

Sprint 2: Weeks 8-9

Sprint 3: Weeks 10-11

Sprint 4: Weeks 12-13

Thanksgiving Break 11/27-11/28

Sprint 5: Weeks 14-15

Interim Presentations

Final Exams Dec. 12,15,16,17,18

Risk Management:

See other document