# Sprint 2 Report - CMPS 115 – Software Methodology

## SmartTick

**Actions to stop doing:**

- The team should stop relying solely on verbal updates for task progress during informal discussions. This led to misunderstandings about who was working on what and the actual status of tasks, sometimes resulting in duplicated effort or tasks being overlooked until the end of the sprint.
- The team should stop pushing code directly to the main branch without a prior pull request and review. On a couple of occasions, this introduced minor bugs that could have been caught by a peer review, causing slight delays for integration and testing.

**Actions to start doing:**

- The team should start estimating their tasks using story points. This will help with estimating the work required to be done before starting the task.
- The team should create branches for new features and create pull requests when ready to merge. This will help with organizing the new features so they can be worked on separately before completion.

**Actions to keep doing:**

- The team should continue to maintain clear and concise commit messages. Well-written commit messages made it easier to track changes, understand the history of the codebase, and debug issues when they arose.
- The team should continue to be proactive in asking for help and offering support to each other. This collaborative spirit was very effective in resolving issues quickly and ensuring no team member was stuck for too long, contributing positively to morale and progress.

**Work completed/not completed:**

- Work Completed
    - User Story 1.2
- Work Not Completed
    - User Story 2.2

**Work completion rate:** This section should report the following:

- Total number of user stories completed: 1
- Total number of estimated ideal work hours completed: 25 hours
- Total number of days: 7 days
- User stories/day for Sprint 2: 1 stories/7 days≈0.14 stories/day
- Ideal work hours/day for Sprint 2: 25 hours/7 days≈3.57 hours/day

Averages across all sprints to date (Sprint 1 and Sprint 2):

- Total user stories completed (Sprints 1 & 2): 2(S1)+1(S2)=3 stories
- Total ideal work hours completed (Sprints 1 & 2): 20(S1)+25(S2)=45 hours
- Total days (Sprints 1 & 2): 7(S1)+7(S2)=14 days
- Average user stories/day (across all sprints): 3 stories/14 days=0.21 stories/day
- Average ideal work hours/day (across all sprints): 45 hours/14 days≈3.21 hours/day