

Sprint 4 Report
Perfect Gift
Team Name: The Gifters
Revision 1 (3/9/2021)

Actions to Stop Doing:

Leaving Unit Testing until the end of the project.

Actions to Start Doing:

Unit Testing during development (Test-Driven Development).

Actions to Keep Doing:

SCM: Use a different Git branch for each user story to avoid merge conflicts.

Stop leaving one or two tasks unfinished for each sprint.

Finish user stories we proposed to finish by the end of each Sprint.

Breaking tasks into smaller tasks so we can think more deeply about what needs to be done and accurately estimate how long we should take to complete a task.

Update Trello Board at the end of each Scrum meeting (in your own time), identify what is in-progress and tasks that are still in the queue.

During the Scrum standup, frame *To Work on Before Next Meeting* as a specific goal of what you want to have accomplished before the next Scrum standup (due date).

Having working meetings where developers can work with each other on tasks and demo their work so other developers can learn about the implementation and apply it to their tasks.

Start communicating more on discord once we get something done/completed.

Pair up more to keep each other accountable. Currently, four of us are working on the frontend, so we should start splitting off to learn more about the backend.

We have 1-hour working meetings on Sundays after our 15 minute stand up, 1-hour working meetings on Thursdays after our 1-hour meeting with the TA, and 2-hour working meetings on Tuesdays.

To keep using stuff we learned in class such as the SOLID principles (We used the Single responsibility principle to separate our files which only have 1 responsibility)

Keep track of working hours and due dates on Scrum Standup document. Don't have to think about how long we spent working when filling out Work Completion Rate section for the sprint report.

Work Completed/Not Completed:

Completed User Stories	Not Completed User Stories
As a user, I want to be able to access a hosted version of the website.	
As a user, I want Perfect Gift to be a bug-free website so that I have a good user experience.	
As a giftee, I want to search by email if I don't know the giftee's username.	

Work Completion Rate:

(Sprint 4)

Total # of user stories completed	Total # of estimated work hours	Total # of days during	Ideal Work Hours/ Day	User Stories Completed/ Day
3	~43.00 hours	14	~2.3 hours	~21 user stories/day

(This Release)

Total # of user stories completed	Total # of estimated work hours	Total # of days during	Ideal Work Hours/ Day	User Stories Completed/ Day
10	273.3 hours	56	~4.9 hours/day	~18 user stories/day

Sprint Burnup Chart

Sprint 4 Burnup Chart

