

Sprint Report Template - CMPS 115 – Software Methodology

The sprint report must contain the following elements:

Sprint 3 Report, Receipt Mobile App, Awesome Receipt Mobile App, 05/21/2024

Actions to stop doing:

These are the activities or actions the team determined they should stop doing. This is the answer to the question, "What things should we stop doing?" The items should take the form of a brief description of what the team wants to stop doing, followed by a brief explanation. If there are no items, this section should describe why the team is completely satisfied with their current process.

Examples: The team should stop holding daily scrum meetings at 7am in the morning, because nobody can make that meeting time. The team should stop allowing daily scrum meetings to go over 15 minutes, because the meetings are less effective that way.

Our team is completely satisfied with their current process, and the scrum meetings are kept under 15 minutes and also the meetings do not go off topic. We ask the three questions and are making consistent progress towards the tasks.

• **Actions to start doing:** These are the activities or actions the team would like to start doing to improve their development process. This is the answer to the question, "What should we start doing?" The items should take the form of a brief description of what the team wants to start doing, followed by a brief explanation.

Examples: The team should schedule more group work sessions, since these are very effective at getting work done. The team should be more accurate at estimating work tasks, since tasks were consistently under-estimated last sprint.

- More unit-testing and test driven development by writing failing tests before code
- Test product on non team members

• **Actions to keep doing:** This is the answer to the question, "What is working well that we should continue to do?" The items should take the form of a brief description of what the team wants to start doing, followed by a brief explanation.

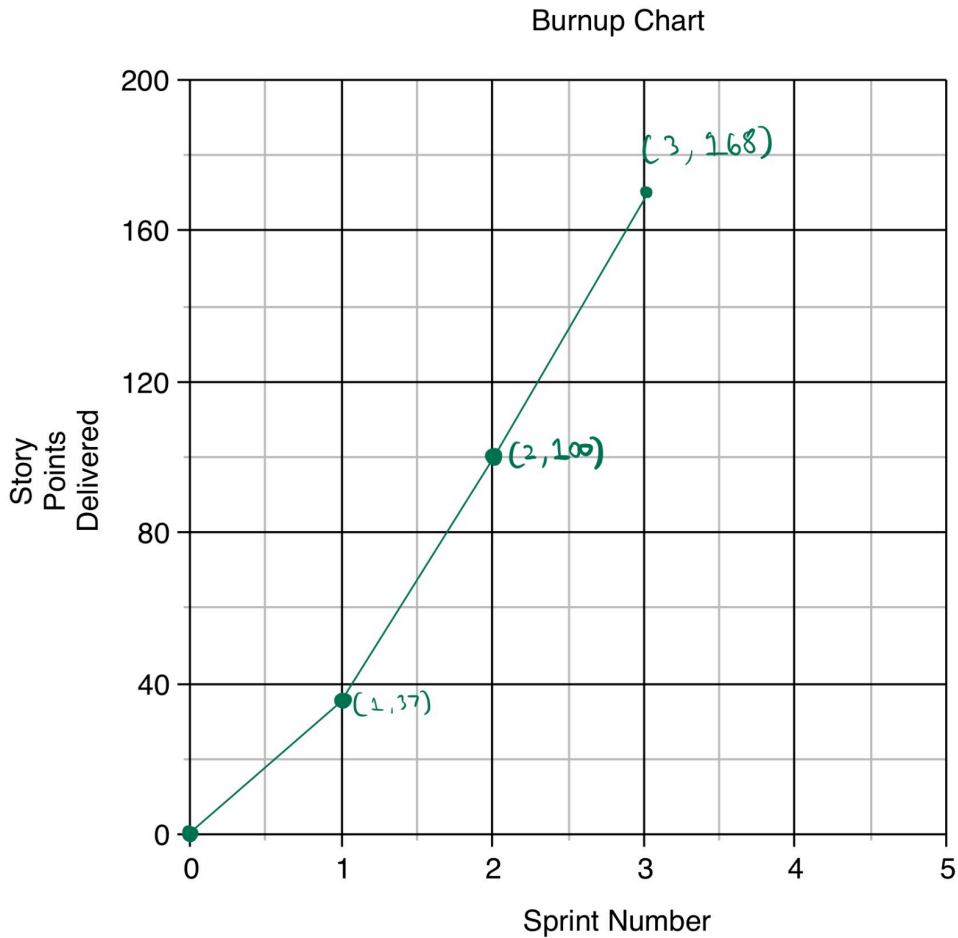
- Schedule tuesday meetings at 6pm for things like sprint report, next sprint plans
- Working on Scrum Plans and Reports as a team.
- Keeping Scrum meetings quick and to the point
- Announcing updates to the team about our individual progress

• **Work completed/not completed:** This is a list of the user stories that were completed during the previous sprint, and a list of the user stories not completed during this sprint (but which were part of this sprint, and were in the sprint plan).

☒ ~~"As a user, I want to assign different people lines on a receipt."~~[13]

- Task 1: Use the dictionary produced by OCR to determine items {key(item name): value(item price)} (30 minutes)
- Task 2: Assign items to different names of the group (1 hour)
- Task 3: Divide the price of each item by however many people are holding the same item (1 hour)
- Task 4: Total the price for each person (1 hour)
- ☑ ~~“As a user, I want to be able to scan McDonald’s receipts [13]~~
 - Task 1: Parse response grabbed from OCR (30 mins)
 - Task 2: Build dictionary from OCR output (2 hours)
- ☑ ~~“As a user, I want my groups to be saved for future use” [8]~~
 - Task 1: Learn about react natives storage that's available (1 hour)
 - Task 2: Implement an AsyncStorage (2 hours)
 - Task 3: Modify the Define Groups screen to add functions that load and save groups (2 hours)
- ☑ ~~“As a user, I want to be able to scan any brand’s receipt. [21]~~
 - Task 1: Display a little toast for the image to follow instructions (30 mins)
 - Task 2: Have the user re-crop the prices only on the prices (30 mins)
 - Task 3: Parse response grabbed from MLkit (4 hrs)
 - Task 4: Organize Parsed items into dictionary (2 hrs)
 - Task 5: Modify the ProcessingImageScreen so that ProcessGeneric returns a dictionary (30 mins)
- ☑ ~~“As a user, I want to be able to scan a receipt from Trader Joe’s” [13]~~
 - Task 1: Parse response grabbed from OCR (30 mins)
 - Task 2: Organize parsed items into dictionary (30 mins)
 - Task 3: Remove unnecessary items from dictionary (3 hours)

• **Work completion rate:** This section should report the following: total number of user stories completed during the prior sprint. Total number of estimated ideal work hours completed during the prior sprint. Total number of days during the prior sprint. For the previous sprint, the user stories/day and ideal work hours/day figures should be reported. For sprints past the first sprint, this section should also provide the average user stories/day and average ideal work hours/day figures computed across all sprints to date. The final sprint burnup chart for the previous sprint should be available for viewing in the lab and an email of this chart sent to the TA/prof.



total number of user stories completed during the prior sprint.	5
Total number of estimated ideal work hours completed during the prior sprint.	22hr 30min
Total number of days during the prior sprint.	14
For the previous sprint, the user stories/day and ideal work hours/day figures should be reported	$5/14 = 0.357$ User Stories/Day
For sprints past the first sprint, this section should also provide the average user stories/day.	.286 User Stories/Day to complete all user stories
average ideal work hours/day figures computed across all sprints to date.	1.054 Hours/day
