



Sprint 2 Materials

Team Name

[Optional Team Logo]

Member 1

Member 2

Member 3

Member 4

[Delete all instructions in red before submitting.]

Retrospective Summary

Summarize your retrospective meeting. Discuss what went right and wrong during the sprint, what changes (if any) need to be made regarding procedure, and what adjustments might need to be made to the product backlog. If backlog goals were not met, include an explanation of why not. The summary should be approximately 250 words.

GitHub Release Link

Create a GitHub release of a **completely working version** of the software and include a link to your release here. Note that some features may not be included if they are scheduled for later sprints, but you must have a **minimum viable product (MVP)** that a user can give feedback on.

Remember to commit to your repository each time a new feature is added/modified. Items should not be marked as “complete” on your backlog until they have been pushed to your repository.

Product Backlog

Your product backlog contains the list of tasks with their:

- priorities,
- dependencies,
- user story points (an estimate of effort involved from the unitless set {1, 2, 3, 5, 8, 13, 21}), and
- status {not started, in progress, completed}.



It should be updated continually throughout the project. Include the snapshot of the product backlog at the end of the sprint here.

Sprint Backlog

Your sprint backlog is a subset of the product backlog. It includes the list of tasks that were scheduled for the sprint. For each task, it provides:

- user story point value (from the product backlog),
- who assigned to,
- actual time spent, and
- status {not started, in progress, completed}.

It should also contain a **summary table** that shows the total number of completed user story points for each team member. The summary table should have a column for each sprint completed to date. These will be a factor in your individual contribution assessment.

Burn-down Charts

Include two burn-down charts, one for the sprint and one for the product.

- Burn-down charts should be reported in **remaining user story points** (not number of tasks) and show both the user story points remaining and actual hours spent over time. Remember that user story points measure the *relative* estimated effort. They correlate to time spent (but are not equivalent to actual hours/specific units of time.)
- The initial sprint burn-down chart is created from the sprint backlog. It should be updated after each SCRUM meeting based on team member status and feedback. Thus it should contain at least 5 data points (the start of the sprint, 3 SCRUM meetings, and the end of the sprint).
- The product burn-down chart should be updated once during the sprint and again at the end of the sprint. Thus, by the end of the project's 3 sprints, there should be at least 7 data points on the product burn-down chart (the start of each sprint, the middle of each sprint, and the end of each sprint).

Next Sprint's SCRUM Meeting Schedule

Include a list of your planned SCRUM meetings for the next sprint. You should have at least 3 SCRUM meetings in each sprint. (This section does not apply for the final sprint.)



Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Project 3

Prepared by: Ishaan Nigam

Meeting Date: 11/15/2023

Meeting Attendees

1. Ishaan Nigam
2. Shreyas Kumar
3. Dev Patel
4. Jack Payne
5. Aviral Agarwal

Meeting Agenda Items

- OAuth API clarification
- Plan steps for sprint 2

Status Update Since Last Meeting

Accomplishments:

- Planned out steps for sprint 2
- Able to figure out next steps for OAuth API

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Planned out week	Ishaan	yes
OAuth API fix	Jack and Aviral	No

Before The Next Meeting

Plans:

- Implement checkout feature
- Implement OAuth API feature properly

Task Assignments:



Task Description	Assigned to
oAuth API Feature implementation	Jack and Aviral
Checkout feature implementation	Dev

Minutes from Previous Meeting

All team members attended the meeting. Agenda items included OAuth API clarification and Sprint 2 planning. The team successfully clarified OAuth API issues and outlined Sprint 2 steps.

Accomplishments included planning Sprint 2 and understanding next steps for the OAuth API.

However, the task assigned to Jack and Aviral for OAuth API fix remains incomplete. Future plans involve implementing the checkout feature and ensuring proper OAuth API integration. Assignments for the next period include Jack and Aviral for OAuth API and Dev for the checkout feature. We plan to complete these tasks before the next meeting.



SCRUM Meeting 2 for Project 3

Prepared by: Ishaan Nigam

Meeting Date: 11/17/2023

Meeting Attendees

6. Ishaan Nigam
7. Shreyas Kumar
8. Dev Patel
9. Jack Payne
10. Aviral Agarwal

Meeting Agenda Items

- Review checkout feature
- Plan out what is next
- Look into API issue

Status Update Since Last Meeting

Accomplishments:

- OAuth API feature implemented but not fully functional yet
- Worked on cashier side a bit
- Checkout feature is functioning

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Customer checkout feature implementation	Dev	Yes
OAuth API endpoints set	Jack	Yes
OAuth API functioning properly	Aviral	No
Database improvements	Ishaan	Yes

Before The Next Meeting

Plans:

- Have cashier side completed
- Have API feature implemented properly



Task Assignments:

Task Description	Assigned to
oAuth API implementation	Aviral
Cashier front end implementation	Jack and Dev
Code testing and make improvements	Ishaan

Minutes from Previous Meeting

All team members attended the meeting. Agenda items included OAuth API clarification, Sprint 2 planning, and checkout feature verification. The team was not able to find a solution to the OAuth API just yet, but have a plan to attack the problem. We have also outlined the remaining steps for Sprint 2. Aviral will look into the API issue and Jack and Dev will continue to work on the front end portion. Ishaan will continue to oversee the project and help on code where necessary. In addition Ishaan will test and improve the code where needed. Future plans involve implementing the checkout feature for cashiers and ensuring proper OAuth API integration. We plan to complete these tasks before the next meeting.



SCRUM Meeting 3 for Project 3

Prepared by: Ishaan Nigam

Meeting Date: 11/19/2023

Meeting Attendees

11. Ishaan Nigam
12. Shreyas Kumar
13. Dev Patel
14. Jack Payne
15. Aviral Agarwal

Meeting Agenda Items

- Review completed tasks
- Plan out what is left

Status Update Since Last Meeting

Accomplishments:

- Cashier checkout function and interface is implemented

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Cashier checkout function and interface completed	Jack	Yes
oAuth API functioning properly	Aviral	No

Before The Next Meeting

Plans:

- Implement the OAuth API
- Implement menu board

Task Assignments:

Task Description	Assigned to
Make the OAuth API function properly	Aviral



Implement the menu board	Jack and Dev
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Minutes from Previous Meeting

All team members attended the meeting. Agenda items included reviewing the completed cashier checkout function and outlining plans for the remaining tasks. The cashier checkout function and interface have been successfully implemented by Jack.

The OAuth API, assigned to Aviral, is still a work in progress. No completion yet, but the team is actively working on it.

Before the next meeting, the plan is to ensure the proper functioning of the OAuth API and to implement the menu board. Aviral is responsible for making the OAuth API function properly, while Jack and Dev are assigned to implement the menu board.

In the previous meeting, the team discussed the challenges with the OAuth API and initiated a plan to address the issue. Aviral is dedicated to resolving the API problem, and Jack and Dev are continuing their work on the front end. Ishaan is overseeing the project and providing support as needed. Future plans include completing the cashier checkout feature and ensuring seamless integration of the OAuth API, with the goal of completing these tasks before the next meeting.