Sprint 2 Materials

Team 8p

Soham Nagawanshi
Kevin Zhang
Ryan Kha
Shreyan Satheesh
Russell Rivard
Bradley James

Retrospective Summary

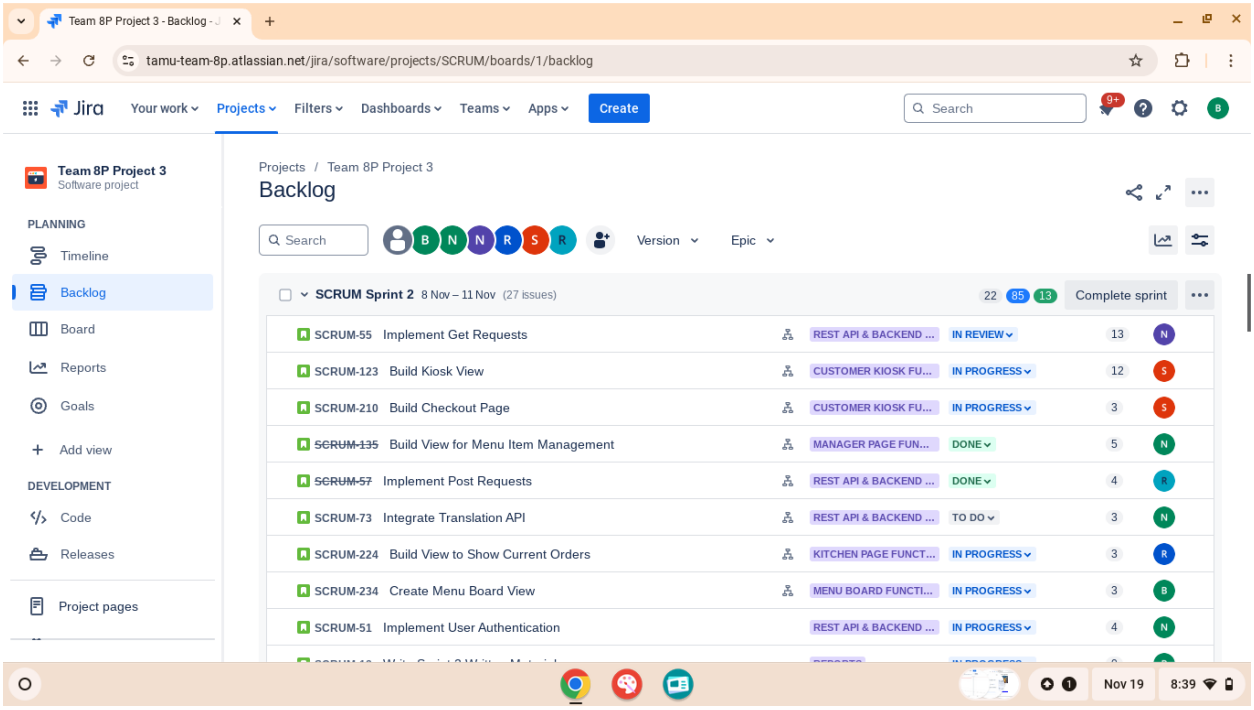
During this sprint, we noticed many things that went better than the last sprint, along with some items that need to be addressed going forward. For starters, we did a much better job practicing parallel development. Everyone was working on something, and even when someone was blocked from progressing any further, they would move to a different task and work on that. Because of this, we were able to make significant progress on all our tasks without needing to wait for something else to be completed. Communication also improved significantly, with teammates clearly stating their availability and alerting the group when they would be unable to work on the project. That being said, there was little activity when it came to updating the Jira board as well as with the frequency of commits. This resulted in confusion regarding what was finished, as well as a misrepresentation of the progress of certain features. As a team, it felt like we did not get as much work done as we would have liked, since we kept pushing back deadlines for certain features. Going forward, we need to actively dedicate some time to this project to ensure we produce a high-quality

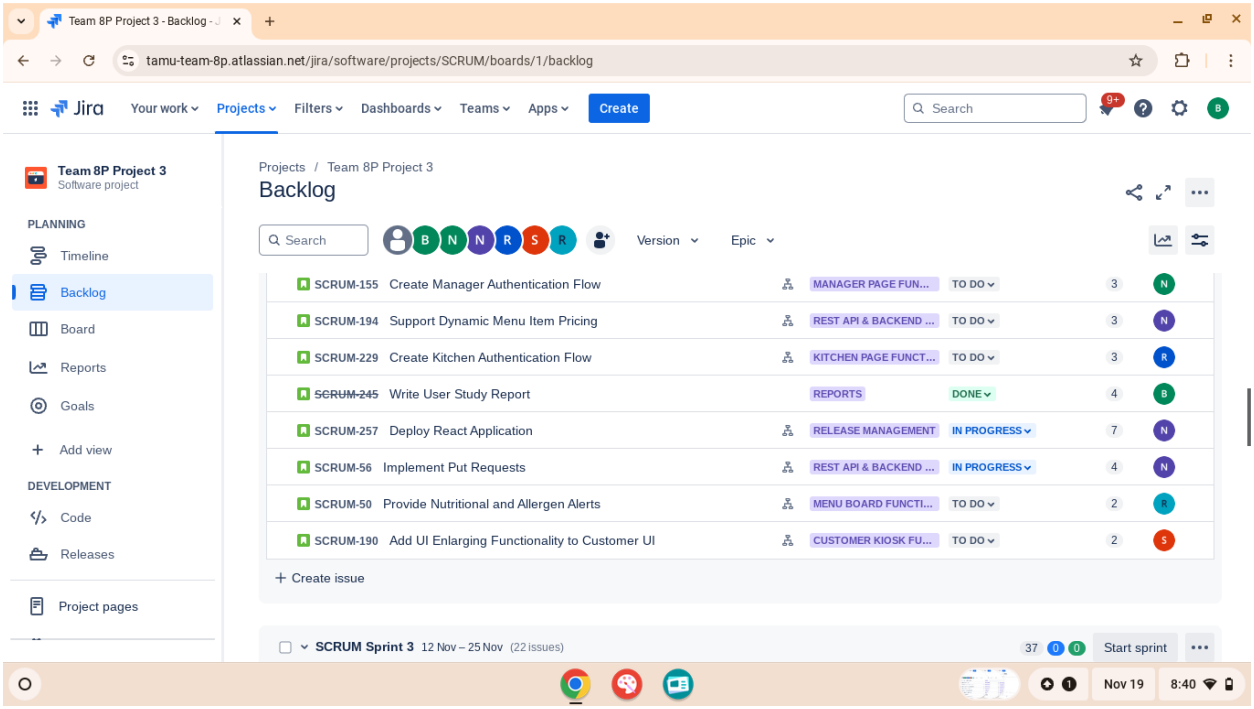
product and hold each other accountable to complete their tasks in a timely manner. Another change we need to make is to fully read and understand the instructions. There were many times when we thought we were done with an assignment or task, but when we looked over the instructions to make sure we had everything, we would realize we had left something out. By taking the time to read over the instructions and understand everything we need to do, we can ensure we have included all the required elements. We may also need to reconsider when we have our SCRUM Meetings since we meet roughly every two days, and it seems like we are just repeating the same things we said in the previous meeting with little to no major updates. Regarding the product backlog, it accurately reflects the remaining work we have left. It may seem like very little was completed, but most of the tasks are either close to completion or currently in review, and we will only mark them as complete once all subtasks are finished.

GitHub Release Link

https://github.com/CSCE331-Fall2024/project-3-team-8p/releases/tag/v2.0

Product Backlog

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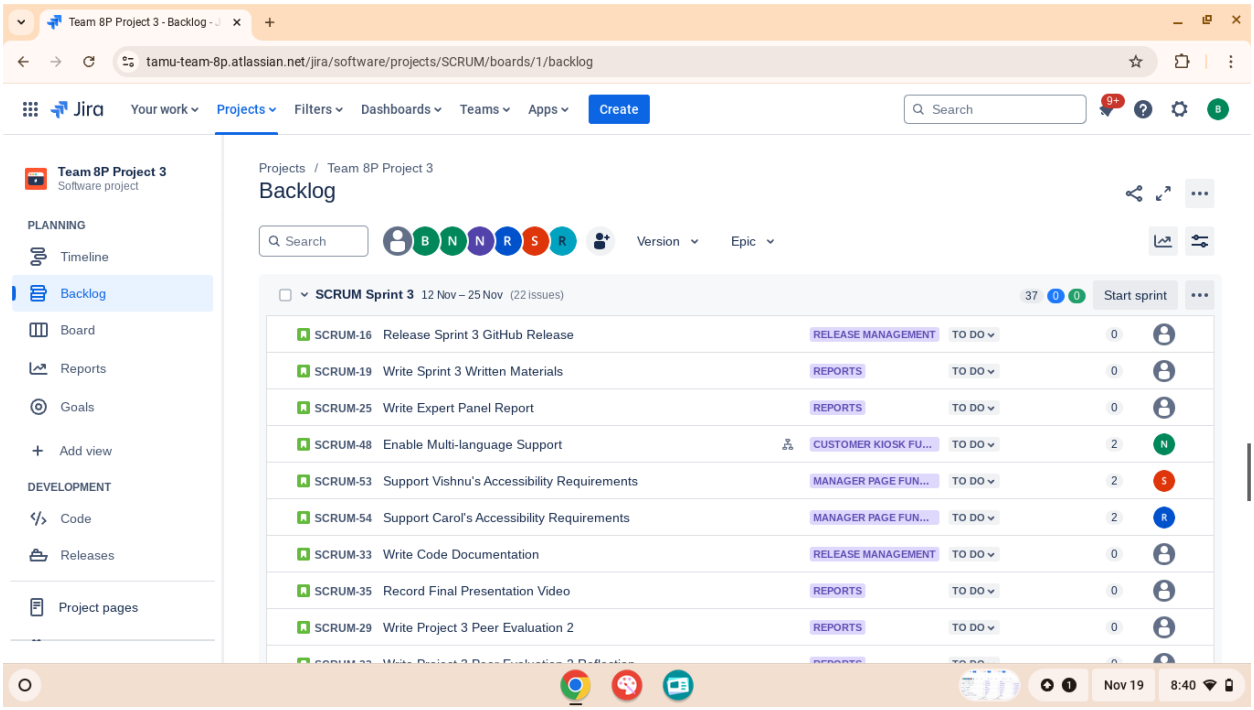
SCRUM-155 Create Manager Authentication Flow MANAGER PAGE FUN... TO DO 3
SCRUM-194 Support Dynamic Menu Item Pricing REST API & BACKEND ... TO DO 3
SCRUM-229 Create Kitchen Authentication Flow KITCHEN PAGE FUNCT... TO DO 3
SCRUM-245 Write User Study Report REPORTS DONE 4
SCRUM-257 Deploy React Application RELEASE MANAGEMENT IN PROGRESS 7
SCRUM-56 Implement Put Requests REST API & BACKEND ... IN PROGRESS 4
SCRUM-50 Provide Nutritional and Allergen Alerts MENU BOARD FUNCTI... TO DO 2
SCRUM-190 Add UI Enlarging Functionality to Customer UI CUSTOMER KIOSK FU... TO DO 2
Create issue
SCRUM Sprint 3 12 Nov – 25 Nov (22 issues)
37 0 0
Start sprint
Nov 19
8:40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SCRUM Sprint 3 12 Nov – 25 Nov (22 issues)
37 0 0
Start sprint
SCRUM-16 Release Sprint 3 GitHub Release RELEASE MANAGEMENT TO DO 0
SCRUM-19 Write Sprint 3 Written Materials REPORTS TO DO 0
SCRUM-25 Write Expert Panel Report REPORTS TO DO 0
SCRUM-48 Enable Multi-language Support CUSTOMER KIOSK FU... TO DO 2
SCRUM-53 Support Vishnu's Accessibility Requirements MANAGER PAGE FUN... TO DO 2
SCRUM-54 Support Carol's Accessibility Requirements MANAGER PAGE FUN... TO DO 2
SCRUM-33 Write Code Documentation RELEASE MANAGEMENT TO DO 0
SCRUM-35 Record Final Presentation Video REPORTS TO DO 0
SCRUM-29 Write Project 3 Peer Evaluation 2 REPORTS TO DO 0
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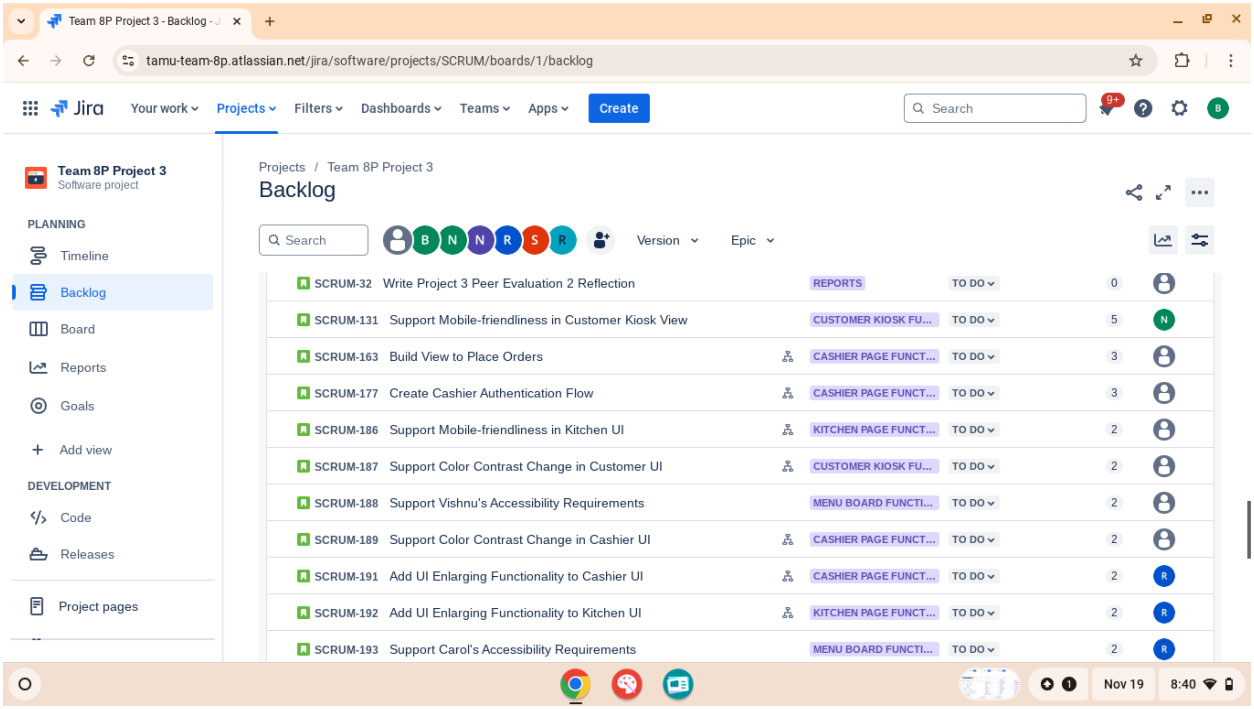
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SCRUM-32 Write Project 3 Peer Evaluation 2 Reflection REPORTS TO DO 0
SCRUM-131 Support Mobile-friendliness in Customer Kiosk View CUSTOMER KIOSK FU... TO DO 5
SCRUM-163 Build View to Place Orders CASHIER PAGE FUNCT... TO DO 3
SCRUM-177 Create Cashier Authentication Flow CASHIER PAGE FUNCT... TO DO 3
SCRUM-186 Support Mobile-friendliness in Kitchen UI KITCHEN PAGE FUNCT... TO DO 2
SCRUM-187 Support Color Contrast Change in Customer UI CUSTOMER KIOSK FU... TO DO 2
SCRUM-188 Support Vishnu's Accessibility Requirements MENU BOARD FUNCTI... TO DO 2
SCRUM-189 Support Color Contrast Change in Cashier UI CASHIER PAGE FUNCT... TO DO 2
SCRUM-191 Add UI Enlarging Functionality to Cashier UI CASHIER PAGE FUNCT... TO DO 2
SCRUM-192 Add UI Enlarging Functionality to Kitchen UI KITCHEN PAGE FUNCT... TO DO 2
SCRUM-193 Support Carol's Accessibility Requirements MENU BOARD FUNCTI... TO DO 2
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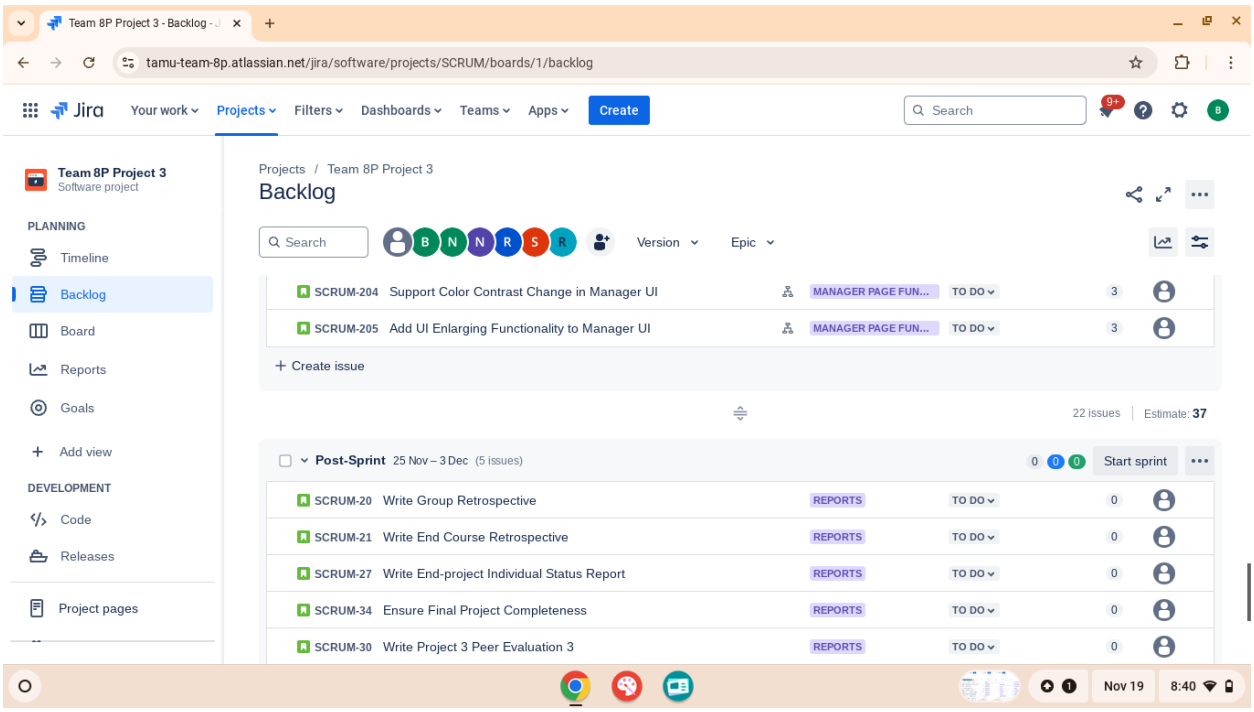
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SCRUM-204 Support Color Contrast Change in Manager UI MANAGER PAGE FUN... TO DO 3
SCRUM-205 Add UI Enlarging Functionality to Manager UI MANAGER PAGE FUN... TO DO 3
Create issue
22 issues
Estimate: 37
Post-Sprint 25 Nov – 3 Dec (5 issues)
Start sprint
SCRUM-20 Write Group Retrospective REPORTS TO DO 0
SCRUM-21 Write End Course Retrospective REPORTS TO DO 0
SCRUM-27 Write End-project Individual Status Report REPORTS TO DO 0
SCRUM-34 Ensure Final Project Completeness REPORTS TO DO 0
SCRUM-30 Write Project 3 Peer Evaluation 3 REPORTS TO DO 0
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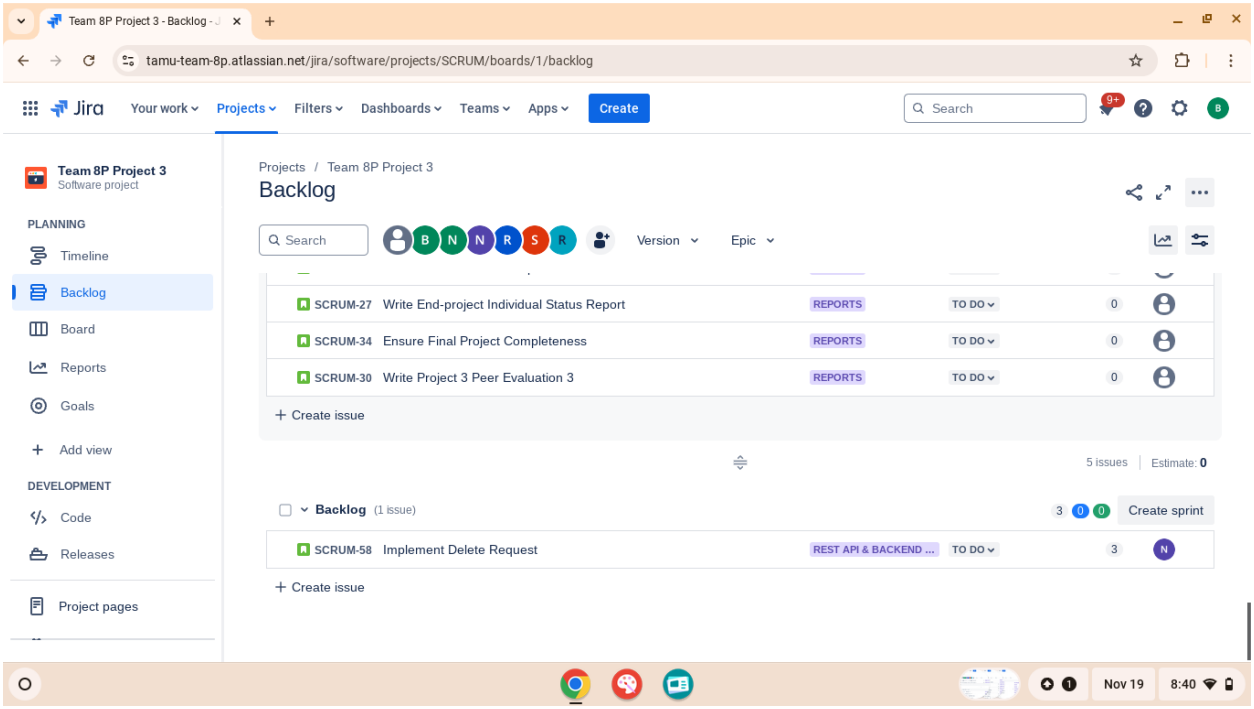
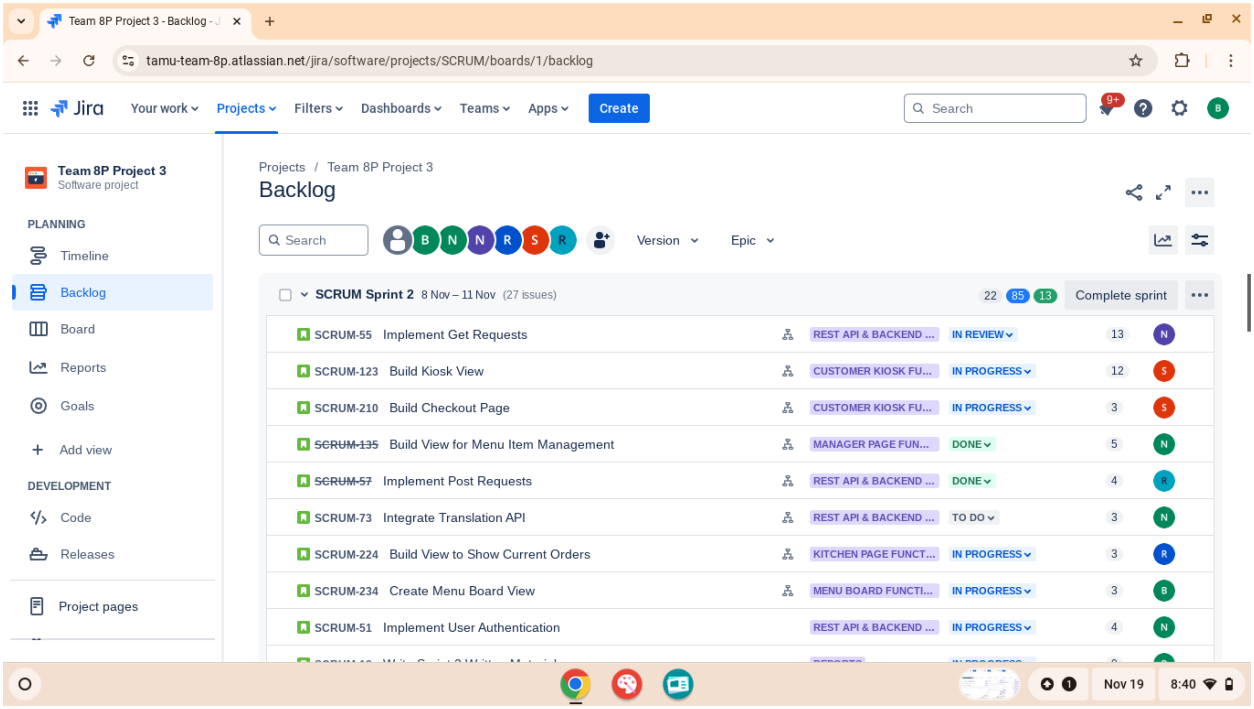


Sprint 2 Backlog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Backlog
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SCRUM Sprint 2 8 Nov – 11 Nov (27 issues)
22 85 13
Complete sprint
SCRUM-55 Implement Get Requests REST API & BACKEND ... IN REVIEW 13
SCRUM-123 Build Kiosk View CUSTOMER KIOSK FU... IN PROGRESS 12
SCRUM-210 Build Checkout Page CUSTOMER KIOSK FU... IN PROGRESS 3
SCRUM-135 Build View for Menu Item Management MANAGER PAGE FUN... DONE 5
SCRUM-57 Implement Post Requests REST API & BACKEND ... DONE 4
SCRUM-73 Integrate Translation API REST API & BACKEND ... TO DO 3
SCRUM-224 Build View to Show Current Orders KITCHEN PAGE FUNCT... IN PROGRESS 3
SCRUM-234 Create Menu Board View MENU BOARD FUNCTI... IN PROGRESS 3
SCRUM-51 Implement User Authentication REST API & BACKEND ... IN PROGRESS 4
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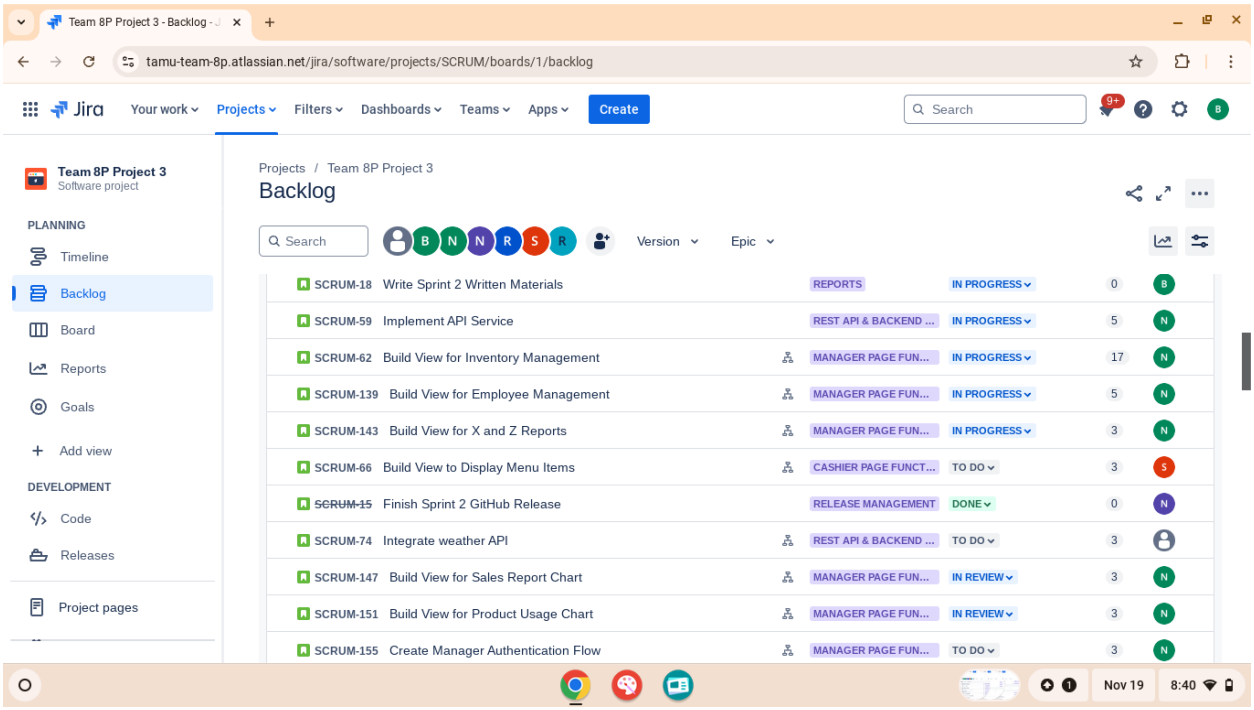
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SCRUM-18 Write Sprint 2 Written Materials REPORTS IN PROGRESS 0
SCRUM-59 Implement API Service REST API & BACKEND ... IN PROGRESS 5
SCRUM-62 Build View for Inventory Management MANAGER PAGE FUN... IN PROGRESS 17
SCRUM-139 Build View for Employee Management MANAGER PAGE FUN... IN PROGRESS 5
SCRUM-143 Build View for X and Z Reports MANAGER PAGE FUN... IN PROGRESS 3
SCRUM-66 Build View to Display Menu Items CASHIER PAGE FUNCT... TO DO 3
SCRUM-15 Finish Sprint 2 GitHub Release RELEASE MANAGEMENT DONE 0
SCRUM-74 Integrate weather API REST API & BACKEND ... TO DO 3
SCRUM-147 Build View for Sales Report Chart MANAGER PAGE FUN... IN REVIEW 3
SCRUM-151 Build View for Product Usage Chart MANAGER PAGE FUN... IN REVIEW 3
SCRUM-155 Create Manager Authentication Flow MANAGER PAGE FUN... TO DO 3
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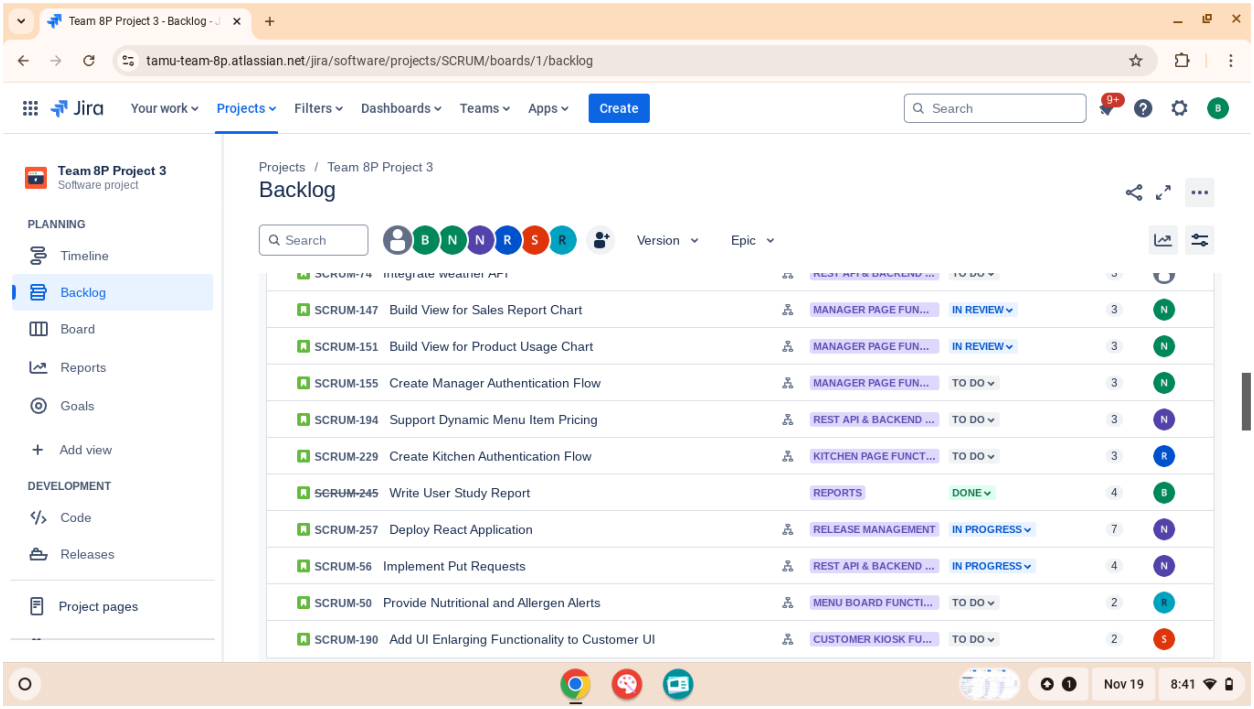
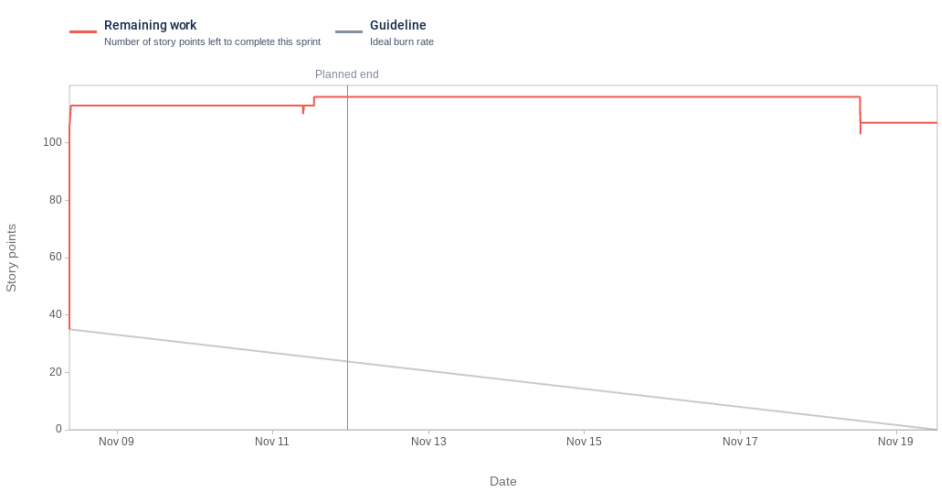


Summary Chart with Story Points Completed by Team Member

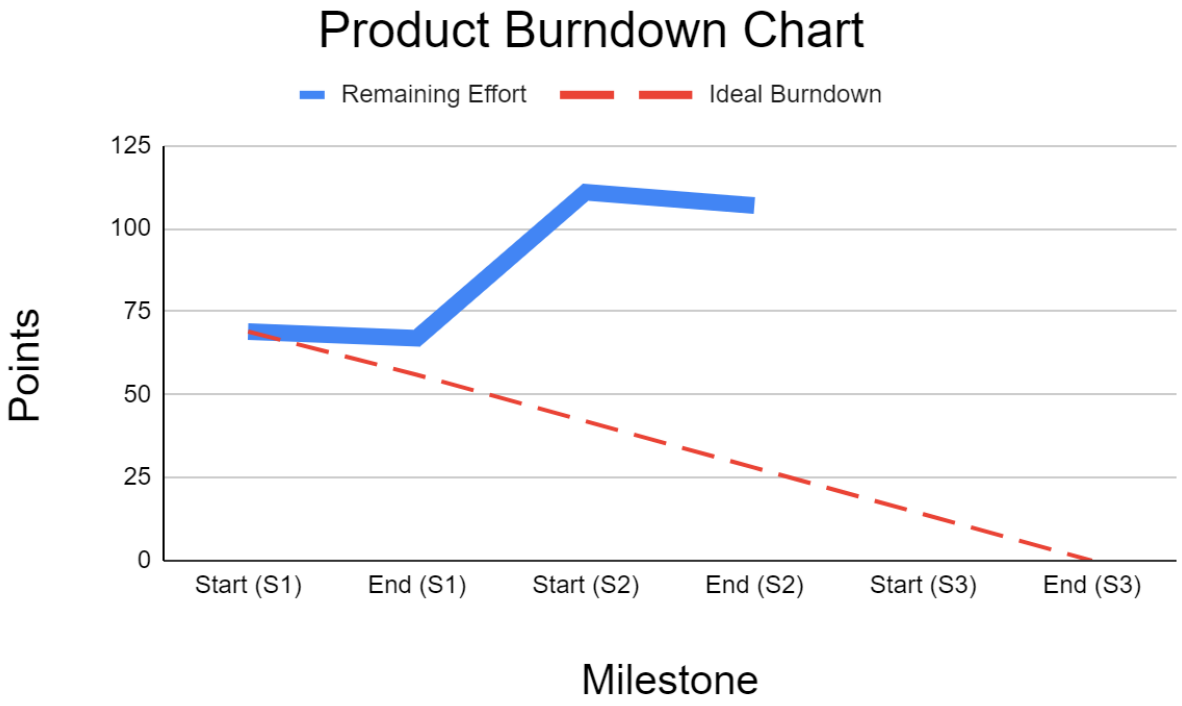
	Sprint 1	Sprint 2	Total
Soham Nagawanshi	2	8	10
Kevin Zhang	1	9	10
Ryan Kha	1	8	9
Russell Rivard	1	4	5
Shreyan Satheesh	1	4	5
Bradley James	10	4	14
Total	16	37	53

Burn-down Charts

Sprint burn-down chart



Product burn-down chart



Next Sprint's SCRUM Meeting Schedule

Meeting 1: 11/20/2024

Meeting 2: 11/22/2024

Meeting 3: 11/25/2024

Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for 8p

Prepared by: Soham Nagawanshi
Meeting Date: 11/6/2024

Meeting Attendees

1. Soham Nagawanshi
2. Ryan Kha
3. Shreyan Satheesh
4. Kevin Zhang
5. Russell Rivard
6. Bradley James

Meeting Agenda Items

- Progress Report (Scrum)
- Assign Tasks for Sprint 2

Status Update Since Last Meeting

Accomplishments:

- Basic implementation for Checkout Cart has been implemented
- Wrote unit tests for Get requests

Tasks Completed:

Task Description	**Assigned to**	**Completed? (yes/no)**
Unit tests for Get Requests	Soham	Yes
Basic implementation for checkout cart	Shreyan	Yes
Finish React tutorial	Kevin	Yes
Finish React tutorial	Russell, Bradley	No
Sprint 1 Written Materials	Bradley	Yes

Before The Next Meeting

Plans:

- Refine checkout page
- Figure out how to save selected menu items between pages
- Begin connection between frontend and backend
- Work on menu boards display

- Work on kitchen display
- Work on authentication
- Work on Put requests

Task Assignments:

Task Description	**Assigned to**
Refine Checkout Page and save selected menu items	Shreyan
Begin connection with frontend and backend	Kevin
Implement Post requests	Ryan
Finish menu boards display	Bradley
Review unit tests	Kevin
Work on user authentication	Soham
Work on Put requests	Soham
Work on kitchen display	Russell

Minutes from Previous Meeting

We began by discussing our progress since our previous meeting. As Russell finished working on the kitchen GUI, he will begin his work on the frontend with his newfound knowledge with React. His only roadblock is concerning the connection with the backend and communication with the database. Shreyan has been working on the customer UI and created the landing page for it, and will work to complete it by tonight. His roadblocks include consistent formatting and organization with the rest of the team. Ryan has finished implementing the rest of the Get requests. He will be getting ahead by working on items for Sprint 2. His main roadblock is learning everything needed for the upcoming sprint. Kevin has reviewed React, and has finished the preliminary MVP for manager UI. He plans on finishing the rest of the components for the manager UI, as well as setting up the basic scaffolding with how to connect the manager UI with the backend. His main roadblock is syncing with Shreyan and having a consistent style and format. Soham has submitted the Get pull and get requests and got approval. He is writing tests for these items, as well as implementing put, update, and delete for Ryan to continue his work. His primary focus is setting up an HTTP client in React to allow the frontend developers to call a function to perform tasks on the backend. His main roadblock is he will not be able to learn React until later next week due to a busy schedule, as well as becoming

acquainted with Spring Boot. Bradley has finished the initial lessons on the React tutorial, and began his implementation of the menu boards using React. He hopes to get it done by the end of the sprint, but has a very busy week ahead of him. The primary focus for the group is to implement the manager and customer interfaces as much as possible, with the backend developers to create items to support functions and requests from the frontend.

SCRUM Meeting 2 for 8p

Prepared by: Soham Nagawanshi
Meeting Date: 11/08/2024

Meeting Attendees

7. Soham Nagawanshi
8. Ryan Kha
9. Shreyan Satheesh
10. Kevin Zhang
11. Russell Rivard
12. Bradley James

Meeting Agenda Items

- Status Update
- Discuss the timeline before next meeting

Status Update Since Last Meeting

Accomplishments:

- Kevin finished API Client workflow and connected it to backend
- ∉ Shreyan added context to save items between pages
- ∉ Russell has made significant progress on the React tutorial
- ∉ Ryan has implemented most of the Post requests

Tasks Completed:

Task Description	**Assigned to**	**Completed? (yes/no)**
API client workflow and connection to backend	Kevin	Yes
Save items between pages	Shreyan	Yes

Before The Next Meeting

Plans:

- Add interaction with Menu Item page
- Deploy React application on Heroku
- Work on Menu Boards display
- Work on Kitchen display
- Fix Customer layout
- Finish user authentication
- Finish Pull request
- Wok on backend APIs
- Finish Post Requests
- Work on Put requests

Task Assignments:

Task Description	**Assigned to**
Add interaction with Menu Item page	Kevin
Deploy React application on Heroku	Kevin
Work on Menu Boards display	Bradley
Work on Kitchen display	Russell
Fix Customer layout	Shreyan
Finish user authentication	Soham
Finish Pull request	Soham
Wok on backend APIs	Soham

Finish Post requests	Ryan
Work on Put requests	Ryan

Minutes from Previous Meeting

We went around discussing our progress since our initial meeting where we assigned specific roles. Shreyan has made it so that on the Customer display, when you click on a menu item, then it will get added to a cart and show the total amount to pay. He will work on the checkout page to ensure that the items selected will still show up in the cart even if you change the page you are on. His main blocker is understanding the logic behind maintaining the menu items, but he will try to get that done as soon as he can. He will also be travelling out of state next week, so his contribution may be limited at times, but he will try to complete his work. Kevin has finished the React tutorial, and has a better grasp on how to use it to its fullest. He plans on finishing the connection from the frontend to the backend to pull menu items from the database. He anticipates that a blocker will be waiting for inputs from the backend to be finished. Russell has made good progress on the React tutorial and has sent an initial design for the Kitchen display GUI, and will now start creating the kitchen display. His main blocker is figuring out how to utilize React to create the kitchen display, but he said he will get it done. Ryan has not finished anything due to other classes and assignments taking priority. He plans on working on the Post implementation, and will finish it as soon as he can. His biggest blocker is waiting on the testing script, which as been taken care of by Soham. Soham has implemented these unit tests for the Get requests, and is waiting on Kevin to review them to see if there is anything he may have missed. He has started working on the user authentication to use Goggle as our identity provider, and plans on finishing it soon, along with working on the Put requests. His main blocker is figuring out how to associate the employee with their login information. Bradley has finished the written materials for Sprint 1, and will continue to do the written materials for Sprint 2. He has started the implementation for the menu boards display, and will try to get that done as soon as he can. His main blocker is having other assignments in other classes taking priority, so he will be unable to really implement much until after he completes these assignments.

SCRUM Meeting 3 for 8p

Prepared by: Soham Nagawanshi

Meeting Date: 11/11/2024

Meeting Attendees

13. Soham Nagawanshi
14. Ryan Kha
15. Shreyan Satheesh
16. Kevin Zhang
17. Russell Rivard
18. Bradley James

Meeting Agenda Items

- Status update
- Items to complete by next meeting

Status Update Since Last Meeting

Accomplishments:

- Ryan completed most of the Put requests
- Soham finished Get requests
- Soham added more unit tests
- Kevin finished most of the code reviews

Tasks Completed:

Task Description	**Assigned to**	**Completed? (yes/no)**
Get requests	Soham	Yes
More unit tests	Soham	Yes
Code reviews	Kevin	Yes

Before The Next Meeting

Plans:

- Finish functionality to add and update menu items
- Review Axios to help connect API request using HTTP and React clients
- Finish non-associative version of the Put and Push requests

- Implement user authentication
- Start accessibility features
- Start connecting to backend
- Finish Kitchen display
- Finish Menu Boards display

Task Assignments:

Task Description	**Assigned to**
Finish functionality to add and update menu items	Kevin
Connect API request using HTTP and React clients to frontend	Ryan
Finish non-associative version of Post and Push requests	Soham
Implement user authentication	Soham
Start accessibility features	Shreyan
Start connecting to backend	Shreyan, Bradley, Russell, Kevin
Finish Kitchen display	Russell
Finish Menu Boards display	Bradley

Minutes from Previous Meeting

We began by discussing our progress since our previous meeting, as well as updating our Jira Board and assigning the remaining tasks for Sprint 2. Kevin finished the API Client workflow and connected it to the backend, allowing us to be able to pull items from the database using Get requests. He plans to coordinate with Ryan and Soham to continue working on his items, as well as working on the Menu Item page by implementing the addition and selection of menu items. He will also figure out how to deploy the react application on Heroku. His main blocker is waiting on Ryan to get the Post requests reviewed, which may take some time. Bradley has not finished anything, but has started with the implementation of the Menu Board. He will continue to work on it, specifically on making sure switching the tab changes the information shown accordingly. His main blocker is time, since he has a very busy week ahead of him. Shreyan has figured out how to add context to save items between pages. He plans on working on fixing the layout on the Customer page so it is not as cluttered. His main blocker is finding time to work on the project since he will not be in person next week and will not have much visibility. Russell has looked more into React and has a better understanding of what he needs to do. He plans on making the order status and getting static

information to show properly on the Kitchen display. His blocker is that he has some problems with his Virtual Machine and will need to configure it to ensure he can run the program properly. Soham is still working on the user authentication, and will hope to get a Pull Request done by today. He will also work on as many backend APIs as he can to get most of the backend functionality done. His blocker is waiting for the unit tests to be merged onto the main branch. Ryan has implemented most of the Post requests, and will begin to work on the Put requests. His main blocker is that he will be busy over the weekend and may not get as much work done as he would like.