#### Wishify

# **Progress Report 2**

**COSC 4P02 Group Project** 

23rd March 2025

**Group Number: 12** 

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#### Introduction

This progress report describes the creation of the Wishlist management platform - **Wishify**. Throughout the duration of three development sprints, it offers an in-depth review of the project's progress, focusing on tasks that have been completed, current work, and future goals. The frontend and backend solution, including capabilities for profile customization, Wishlist and event management, and user authentication, are covered in the report. It also keeps track of team contributions, development tools, and meeting summaries to track teamwork and progress.

## **Sprints**

## Sprint 1 – Completed

- 1. Design UI for all pages Completed
- 2. Finish database UML Completed
- 3. Setup PostgreSQL database Completed
- 4. Complete placeholder of Wishlist frontend Completed
- 5. Complete placeholder of sign up and sign in frontend Completed
- 6. Complete placeholder of list of Wishlist Completed
- 7. Create a Landing Page Completed
- 8. Complete placeholder profile page Completed
- 9. Complete placeholder of event frontend Pushed to Sprint 2
- 10. Complete placeholder of list of events Pushed to Sprint 2

## Sprint 2 – **Completed**

- 1. Setup production environment Completed
- 2. Implement frontend for sign in pages Completed
- Complete placeholder of list of events Completed
- 4. Authentication API Endpoints Completed
- 5. Research Pop Up Library Completed
- 6. Dummy Items for Database Completed
- 7. Wishlist API Endpoints Completed
- 8. Event API endpoints Completed
- 9. Design API specification Pushed to Sprint 3
- 10. User / I want to create and modify accounts Pushed to Sprint 3
- 11. Implement frontend for home page Pushed to Sprint 3
- 12. Complete placeholder of event frontend Pushed to Sprint 3
- 13. CSS/Styling of Pages Pushed to Sprint 3
- 14. Express API Testing Framework Pushed to Sprint 3

### Sprint 3 – Completed

- 1. Complete placeholder of event frontend Completed
- 2. User / I want to delete Wishlist Completed

- 3. Party Host / I want to set deadlines on Wishlist Completed
- 4. Research OAuth / Firebase Completed
- 5. Wishlist Contributor / I want to be able to sort a list by price, priority and contribution status. Completed
- 6. List of Prefix words for profile interests/ and implement to frontend Completed
- 7. Navigation Bar for all pages Completed
- 8. Event Planner / I want to duplicate Wishlist In progress Pushed to Sprint 4
- 9. Wishlist Contributor / I want a blind feature In progress Pushed to Sprint 4
- 10. Design Favicon Logo In progress Pushed to Sprint 4
- 11. Implement frontend for home page Pushed to Sprint 4
- 12. User / I want to create Wishlist In progress Pushed to Sprint 4
- 13. CSS/Styling of Pages In progress Pushed to Sprint 4
- 14. Create and modify user accounts In progress Pushed to Sprint 4

## Sprint 4 – Completed

- 1. Implement frontend for home page Completed
- 2. User / I want to delete Wishlist Completed
- 3. API Contributions Completed
- 4. User / I want to set interests on my profile that other people can see Completed
- 5. API Categories Completed
- 6. Implement frontend of event pages Completed
- 7. Write Pytest for end-to-end testing Completed
- 8. API add support for arrays Completed
- 9. API Status page Completed
- 10. Event Planner / I want to duplicate Wishlist Pushed to Sprint 5
- 11. Wishlist Contributor / I want a blind feature In progress Pushed to Sprint 5
- 12. User / I want to create and modify accounts In progress Pushed to Sprint 5
- 13. User / I want to create Wishlist Pushed to Sprint 5
- 14. CSS styling of Pages In progress Pushed to Sprint 5
- 15. Implement Wishlist share feature API In progress Pushed to Sprint 5
- 16. Implement email Notifications In progress Pushed to Sprint 5
- 17. Wishlist Owner / I want to share my Wishlist with a link frontend In progress Pushed to Sprint 5
- 18. User / I want to be able to opt in for notifications on some of my lists to see when the status of an item is changed Pushed to Sprint 5
- 19. User / I want to be able to leave a comment on contributions In progress Pushed to Sprint 5
- 20. Wishlist Owner / I want a summary page that shows contributions at a glance Pushed to Sprint 5

### Sprint 5 – In Progress

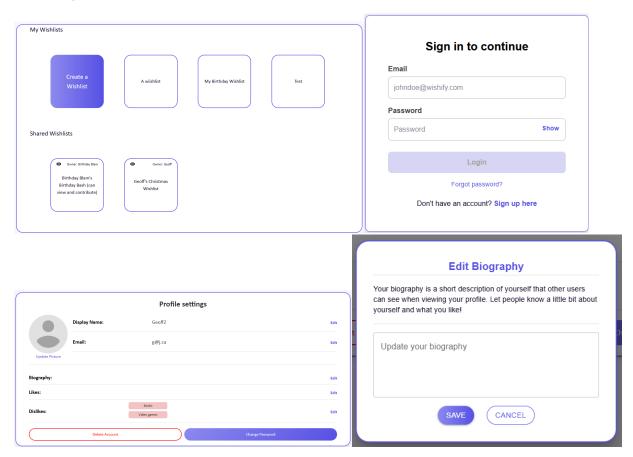
- 1. Event Planner / I want to duplicate Wishlist In progress
- Implement Wishlist share feature API Completed
- 3. CSS Styling of Pages Pushed to Backlog

- 4. Implement email Notifications In progress
- 5. Wishlist Owner / I want to share my Wishlist with a link frontend In progress
- 6. Wishlist Contributor / I want a blind feature In progress
- 7. User / I want to be able to leave a comment on contributions Completed
- 8. Event Planner / I want to duplicate wishlists Completed
- 9. User / I want to create and modify accounts In progress
- 10. User / I want to create Wishlist In progress
- 11. User / I want to be able to opt-in for notifications on some of my lists to see when the status of an item is changed
- 12. Wishlist Owner / I want a summary page that shows contributions at a glance In progress
- 13. Connect homepage to backend Completed
- 14. Add notification for homepage In progress
- 15. Add tests for contributions
- 16. Add tests for items
- 17. Add tests for categories
- 18. Creation of Help web page
- 19. Connect events page to backend
- 20. Layout and styling of email notification
- 21. Implement notification inbox Backend Completed
- 22. Site Owner/ I would like most wishlisted items to be tracked
- 23. Forget password backend
- 24. Frontend Sharing Wishlists page

# **Frontend Progress**

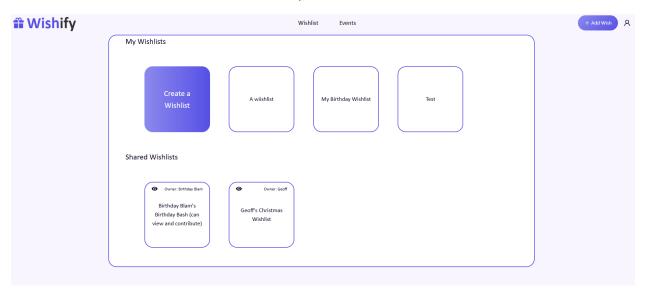
# **CSS Styling**

The last few weeks we've made progress on creating a uniform style for our web app and applying it to our pages.

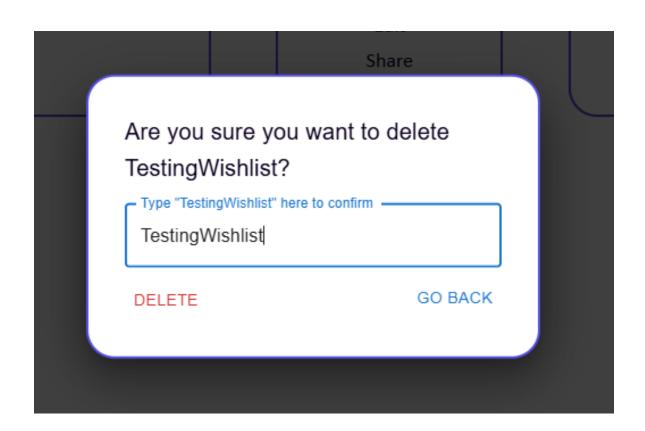


#### Wishlist Home Page

The Wishlist section is where you can view and manage all your saved Wishlist in one place. Here, you'll have full control over your lists with the ability to add, edit, and delete Wishlist as needed. The CSS has been updated and the ability to rename, delete, duplicate and save wishlists to the backend have all been added since the last report.







Owner: Me

A wiishlist

Open

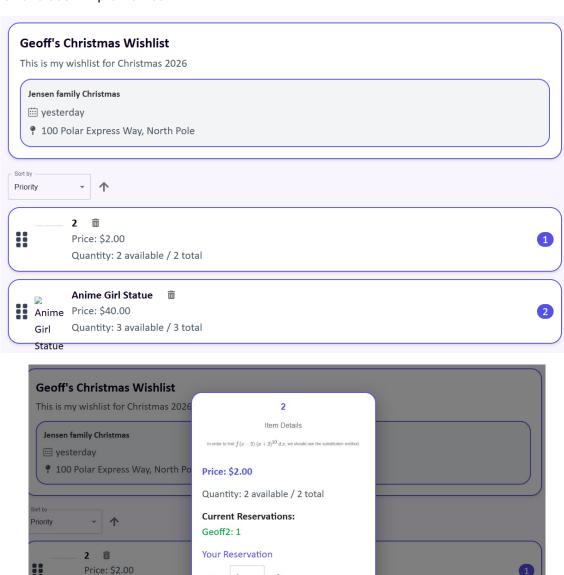
Edit

Share

Duplicate

#### Wishlist Page

When you enter a Wishlist, you'll be redirected to the Wishlist Details page, where you can fully manage its contents. Since the last report, deleting items and posting reservations/contributions to items have been implemented.



Quantity: 2 available / 2 t

Quantity: 3 available / 3 to

Anime Girl Statue

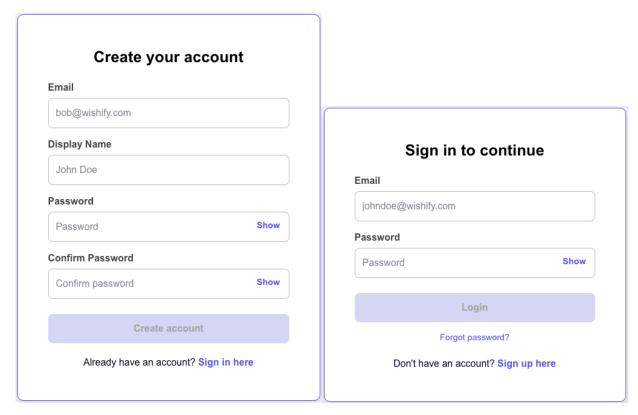
Anime Price: \$40.00

Girl Statue Leave a comment

PURCHASE (2) RESERV

## Sign-Up and Login Pages

The sign up and login pages have been complete and fully functional since the last progress report, however they have now been refreshed with CSS changes to match the overall site aesthetic.



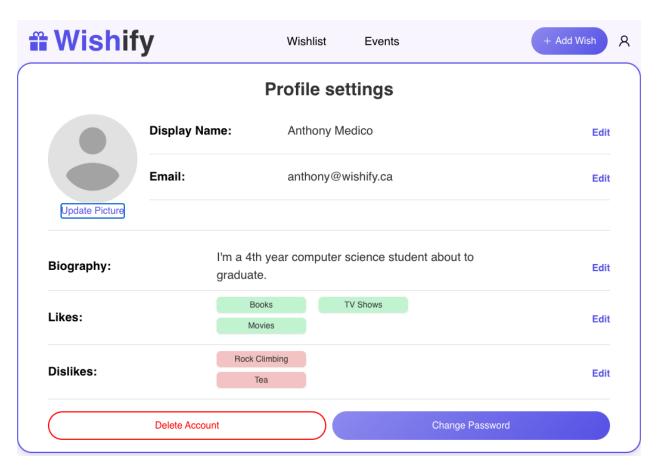
**Future improvements**: the team is still considering the use of OAuth and logging in via social media credentials. This will be implemented if time permits.

#### **Profile Settings Page**

The profile settings page is where the user can update various account settings as well as personal information. They may edit their profile picture, display name, biography, likes and dislikes, email and password. Here the user can also delete their account.

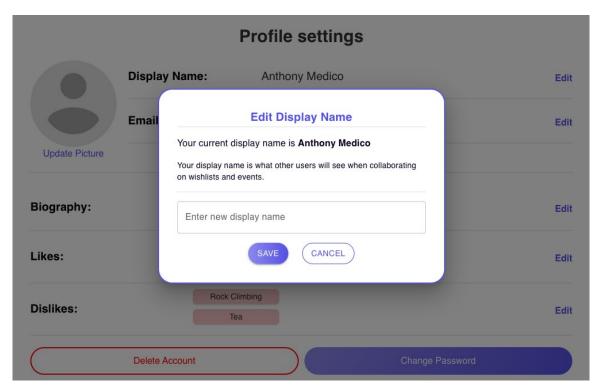
Likes and dislikes is a predetermined list of categories stored on the backend that the user can select from to include in their profile. This lets other users know what categories of gifts would be best for them, as well as categories to avoid.

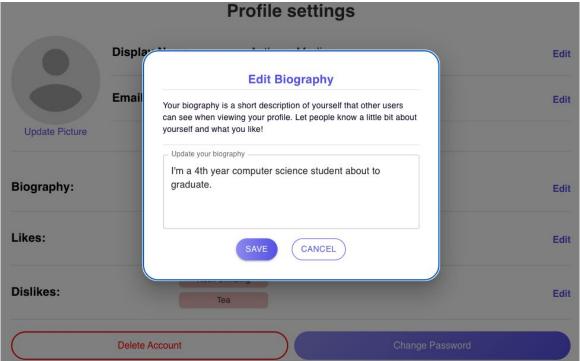
This page has also been refreshed with CSS changes to match the overall aesthetic of the site. An overview is shown below.



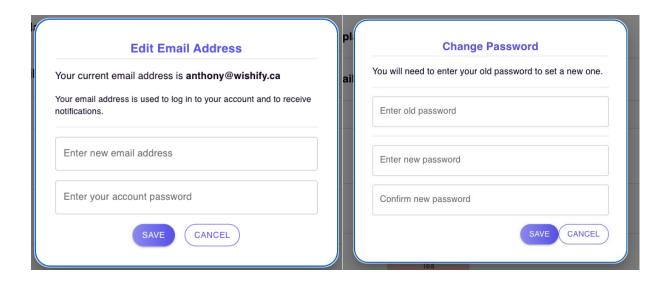
Only the frontend UI was implemented as of last progress report, and since then all of the logic to edit fields, and handle adding and removing of like/dislike categories has been implemented. It has also been connected to the backend so changes persist. Aside from a few bugs to be fixed before the end of this sprint, it is fully functional. To handle edits, custom modals were created for each field which will display upon the user clicking its corresponding edit button.

The two screenshots below show the modals to edit your display name and biography. We ensured the existing biography text appears in the textbox for easy edits.

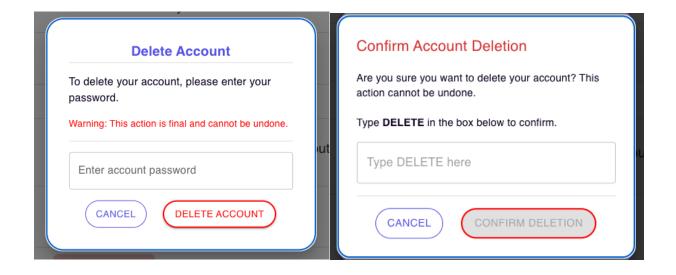




The edit email and change password modals are shown below. These require the input of the user's existing password to change.



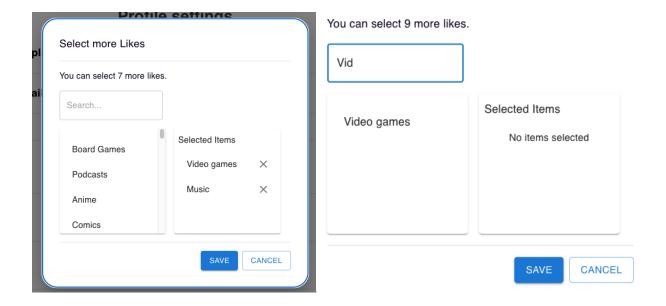
Deleting an account is a 2-step process which requires the user's password, as well as an explicit confirmation. The two modals to handle this are shown below.



Lastly, to add and remove likes/dislikes, the user will click the corresponding edit button to enable edit mode. From here they can click the trash icon to delete specific categories, or click the + icon to display a modal where they can select from the list of categories.

Likes:	Books	TV Shows	<u></u>
	Movies	+	Done
	Rock Climbing	+	
Dislikes:	Теа		Done

When selecting a new category, the modal will automatically fetch the list of categories from the server, and only display those that are not currently one of the user's likes or dislikes. The modal allows the user to select multiple and then save them all in one go. In the left screenshot below, the modal displays the list of available categories on the left, and the newly selected ones on the right (which can be unselected by clicking the X. Once the new ones have been selected, the user can click save which will save the new settings to the backend and update the frontend display. There is also a search bar where users can begin typing a category name which will filter the list below. The right screenshot shows an example where the user begins typing the first few letters for "video games" and the list filters to show it.



# **Backend Progress**

Backend had a lot of important features added in these last sprints. Some of the most important features are contributions, categories, notifications and email support. Along with many quality of life improvements to make interacting with the API much easier for the front end team. The progress on the backend is much more than the progress on the front end, in fact in terms of the features we intended to deliver from our release planning document, the backend is almost completed. Following this point most backend features are now new features to make the product even better.

Due to the criticality of the backend in terms of its requirements for correctness and uptime, the API cannot fail in production. Therefore the backend is following a Incremental development model, where a subset of required endpoints are added at a time, tested and then finally deployed. In the event of bugs or new requirements needed for the front end the same process is followed, where that end point is changed then tested and finally redeployed.

To make deployment easier we use github actions to automatically deploy pushes to our server. This means that deploying new features is very easy and takes no effort. The downside is that means that errors can be pushed to the server causing issues. In the last month we have encountered several issues where typescript errors have prevented a frontend build, there is no way to fix these errors unfortunately and just require our team to be more diligent before pushing their files and have better review processes before merging branches.

#### **API** additions

users:	
POST /users/categories/:categoryld	Assign a category to logged in user
POST /users/categories	Assign an array of categories to logged in user
Put /users/categories/:categoryld	updates a users love or hate value
Put /users/categories	updates an array of categories to logged in user
DELETE /users/categories/:categoryld	Remove a category from logged in user
DELETE /users/categories	Remove an array of categories from logged in user

Categories:	
GET /categories	Get all categories
GET /categories/:id	Get category details
POST /categories	Create a new category

Wishlists	
POST /wishlists/members	make logged in user a member of the wishlist given the share_token
POST /wishlists/:id/duplicate	Duplicate the wishlist
GET /wishlists/:id/items	Get all items in a wishlist (and contributions)
GET /wishlists/share/:token	get the shared wishlist
POST /wishlists/share	share the wishlist to email, if user exists membership added. else send email

Contributions:	
GET/contributions	Get all contributions from logged in user
GET /contributions/wishlists/:id	Get all contributions from wishlist
GET /contributions/items/:id	Get contributions for an item
POST/contributions	Add a contribution (given item_id)
PUT /contributions/:id	Update a contribution (mark as purchased, etc.)
DELETE /contributions/:id	Remove a contribution

Notifications:	
GET /notifications	Get all notifications from logged in user
PUT /notifications/:id	Edit a notifications (ex: is_read)
DELETE /notifications/:id	Delete a notifications

# **Pending Tasks**

- Extending notification and email support: currently only a few select actions will send notifications and/or emails, this feature needs to be used more
- payment support: for pro features we need to accept payment to give users pro status
- **Data tracking:** Simple data tracking is planned, we want to track users' most requested items and most liked and disliked categories.

# **Testing**

Testing has made significant progress in these last few sprints, we have now gone from completely manual testing to automated testing with a status page visible to all users. To do this we have set up an automated testing flow on our server, which feeds scheduled testing results to our API Status page (<a href="https://www.wishify.ca/status">https://www.wishify.ca/status</a>).

- Our tests are for testing the end-to-end behaviour and interface of our backend API
- We are using pytest as our testing framework, with the json-report plugin, and the python requests library for facilitating HTTP requests.
- Our automated tests are currently configured to run every 30 minutes, on the hour (XX:00) and half hour (XX:30).

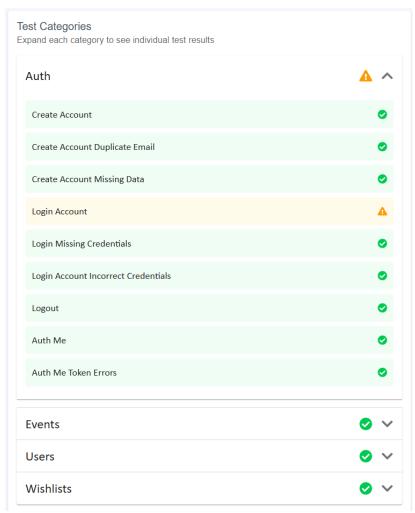
Our status page provides the summary statistics of the most recent test



This page also shows a history of the last 48 test runs in a nice graph (48 test runs, with 2 tests per hour means we show all the test runs from the last 24 hours).



Also on this screen are the individual results of the latest tests, and you can see the result of every individual test.

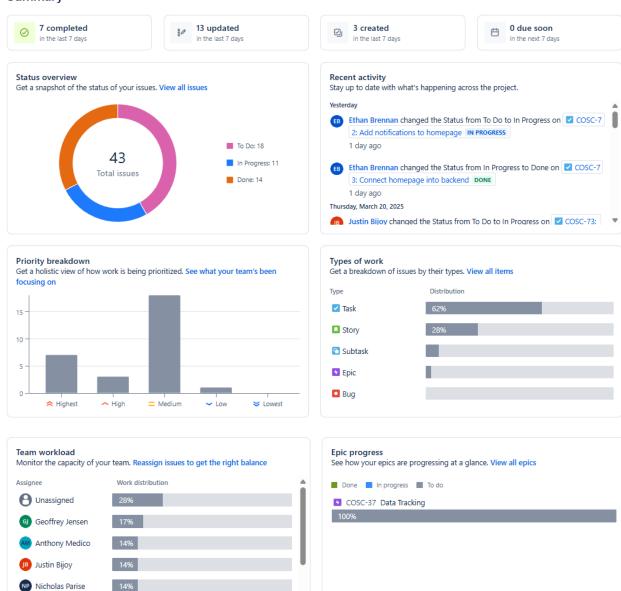


For a much more detailed view on our automated testing flow and how it works, you can look through our <u>documentation</u>.

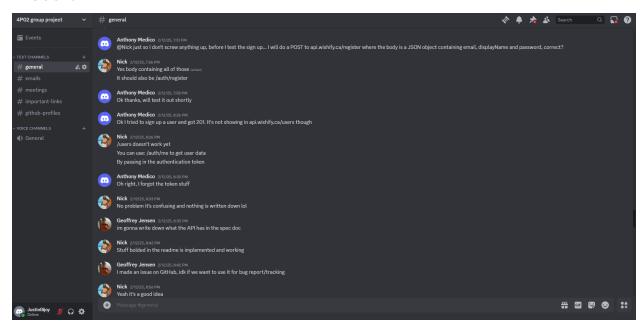
## **Tools**

#### <u>Jira</u>

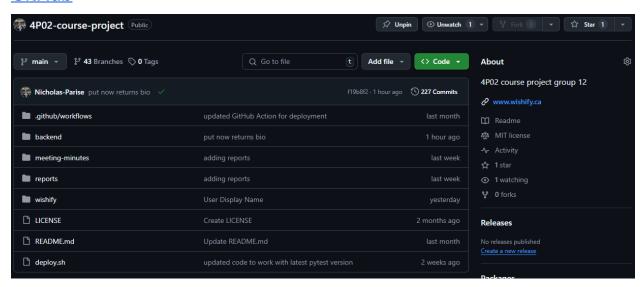
#### Summary



#### Discord



#### **GitHub**



## Meetings

#### Meeting: Sprint Retrospect & Kick off Sprint 4

Date: 28th February 2025
 Time: 11:00 AM – 2:00 PM

• Venue: Library Room STH503C

Key Points:

- Sprint Retrospect: Reviewed Sprint 3 progress, discussing achievements and areas for improvement. All outstanding items from Sprint 3 were pushed to Sprint 4.
- Jira Update: Updated the Jira board with completed and pending tasks. Ensured all tasks are assigned correctly and in the right status for Sprint 4.
- Review Outstanding Items: Wishlist home page placeholder was still outstanding; users need to be redirected after successful login. CSS design needs implementation, and research on features, testing, and email notification is required.
- Kick off Sprint 4: Defined objectives and priorities for Sprint 4. Assigned new tasks focusing on enhancing the Wishlist and events features.
- Next Steps: Team members to begin implementation of assigned tasks. Finalize and document API specifications. Schedule weekly progress review meetings. The next standup meeting is on 7th March 2025.

#### Meeting: Weekly Meeting for Sprint 4

Date: 7th March 2025
 Time: 11:00 AM – 2:00 PM
 Venue: Library Room STH503A

Key Points:

- Review of Completed Work: Team reviewed completed tasks, providing updates on respective areas to ensure alignment on project milestones.
- CSS Update: Justin demonstrated CSS updates and design implementation.
   Limited progress noted due to outdated GitHub repository; all branches must be published promptly.
- Pytest Framework: Geoff explained the pytest framework for implementation, finalizing the approach for report management.
- Shared Link Feature: Nick led a discussion on Wishlist link sharing, resulting in a finalized method.
- Profile Page Update: Anthony presented significant updates to the profile page, which were well received.
- **Next Steps:** Team members to continue working on assigned tasks for the sprint's end next week.

#### Meeting: Sprint Retrospect & Kick off Sprint 5

Date: 14th March 2025
 Time: 11:00 AM – 2:00 PM
 Venue: Library Room STH503C

- Key Points:
  - Sprint Retrospect: Reviewed Sprint 4 progress, discussing achievements and areas for improvement. Outstanding items from Sprint 3 were pushed to Sprint 5.
  - o Jira Update: Updated the Jira board with completed and pending tasks for Sprint 4.
  - Review Outstanding Items: CSS styling is incomplete; additional testing is required for Pytest. Research on notification implementation is complete but still needs development. The summary page has been deferred to the next sprint.
  - Kick off Sprint 5: Defined objectives and assigned new tasks based on project requirements. Focus on enhancing Wishlist and event features.
- **Next Steps:** Team members to begin implementation of Sprint 5 tasks. The next stand-up meeting is scheduled for 21st March 2025.

#### Meeting: Progress Check-in with TA

Date: 18th February 2025Time: 9:00 AM – 9:30 AM

• Venue: Online (Microsoft Teams)

- Key Points:
  - o **Progress Report:** Presented progress to TA and received feedback.
- Next Steps: Continue with webpage and API work, improve design consistency.

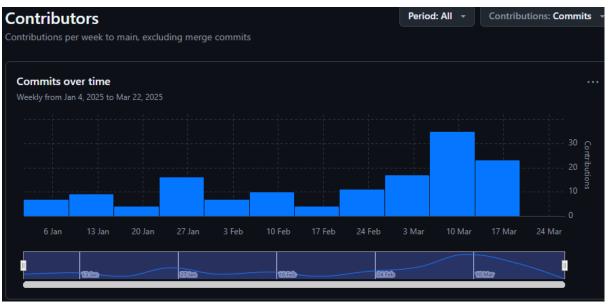
## Meeting: Sprint Retrospect & Kick off Sprint 3

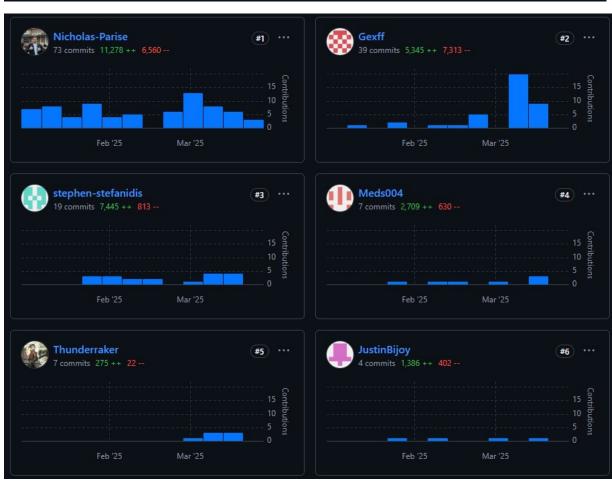
Date: 21st March 2025
 Time: 11:00 AM – 2:00 PM
 Venue: Library Room STH503C

- Key Points:
  - Review of Completed Work: Team reviewed completed tasks, ensuring alignment on project milestones.
  - CSS Update: Justin demonstrated CSS updates; merging changes is challenging due to frequent updates in functionality.
  - Pytest Framework: Geoff discussed the pytest framework implementation, with plans for further testing and documentation.
- Next Steps: Members to continue working on assigned tasks and prepare for the Progress Report due on 23rd March.

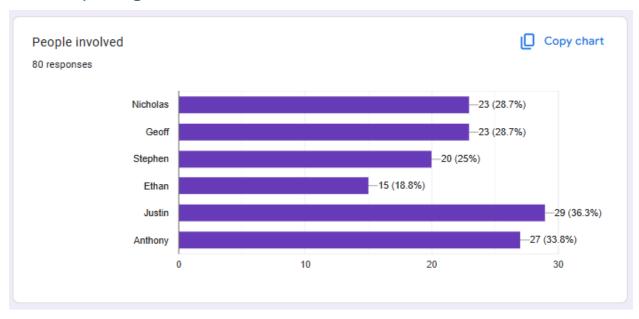
## **Team Contribution**

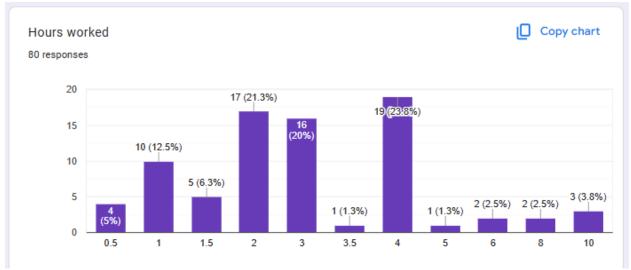
#### **GitHub Contributions**





# Work Reporting





This spreadsheet shows the work each individual has reported, and acts as a nice breakdown of contributions – Contribution Breakdown

# Jira Work Assignment

# Sprint 1

Incomp	loto	icerroe	

meompiete issue					
Key ‡	Summary ÷	Issue type \$	Epic ÷	Status ÷	Assignee \$
COSC-13	Complete placeholder of event frontend	✓ Task		DONE	SS
COSC-43	Complete placeholder of list of events	✓ Task		DONE	SS
Completed issue	es				
Key ÷	Summary :	Issue type \$	Epic ÷	Status ÷	Assignee \$
COSC-6	Design UI for all pages	✓ Task		DONE	
COSC-7	Finish database UML	✓ Task		DONE	NP
COSC-8	Setup PostgreSQL database	✓ Task		DONE	NP
COSC-11	Complete placeholder of wishlist frontend	✓ Task		DONE	GJ
COSC-12	Complete placeholder of sign up and sign in frontend	✓ Task		DONE	AM
COSC-41	Complete placeholder of list of wishlist	✓ Task		DONE	SS
COSC-42	Create a Landing Page	✓ Task		DONE	JB
COSC-44	Complete placeholder profile page	✓ Task		DONE	AM

# Sprint 2

#### Incomplete issues

Key ¢	Summary÷	Issue type :	Epic ÷	Status :	Assignee:
COSC-14	Design API specification	✓ Task		IN PROGRESS	NP
COSC-15	User / I want to create and modify accounts	Story		IN PROGRESS	AM
COSC-34	Implement frontend for home page	✓ Task		DONE	EB
COSC-13	Complete placeholder of event frontend	✓ Task		DONE	SS
COSC-45	CSS/Styling of Pages (Design)	✓ Task		DONE	JB

#### Completed issues

Key ÷	Summary¢	Issue type :	Epic ÷	Status ÷	Assignee :
COSC-16	Setup production environment	✓ Task		DONE	NP
COSC-33	Implement frontend for sign in pages	✓ Task		DONE	AM
COSC-43	Complete placeholder of list of events	✓ Task		DONE	SS
COSC-46	Authentication API Endpoints	✓ Task		DONE	NP
COSC-48	Research Pop Up Library	✓ Task		DONE	AM
COSC-49	Dummy Items for Database	✓ Task		DONE	NP
COSC-50	Wishlist API Endpoints	✓ Task		DONE	NP
COSC-51	Event API endpoints	✓ Task		DONE	NP

## Sprint 3

#### Incomplete issues

COSC-52

COSC-25

COSC-53

COSC-55

Research OAuth / Firebase

Navigation Bar for all pages

Wishlist Contributor / I want to be able to sort a list by price, priority and contribution ...

List of Prefix words for profile interests/ and implement to frontend

Key÷	Summary÷	Issue type \$	Epic ÷	Status :	Assignee ÷
COSC-34	Implement frontend for home page	✓ Task		DONE	EB
COSC-15	User / I want to create and modify accounts	■ Story		IN PROGRESS	AM
COSC-17	User / I want to create wishlists	■ Story		IN PROGRESS	G
COSC-18	User / I want to delete wishlists	Story		DONE	SS
COSC-20	Event Planner / I want to duplicate wishlists	■ Story		DONE	NP
COSC-21	Wishlist Contributor / I want a blind feature	■ Story		IN PROGRESS	G
COSC-54	Design Favicon Logo	✓ Task		IN PROGRESS	AM
Completed issues					
Key‡	Summarye	Issue type:	Epic÷	Status :	Assignee :
COSC-13	Complete placeholder of event frontend	✓ Task		DONE	SS
COSC-45	CSS/Styling of Pages (Design)	✓ Task		DONE	JB
COSC-19	Party Host / I want to set deadlines on wishlists	■ Story		DONE	NP

Task

Task

Task

DONE

DONE

DONE

## Sprint 4

#### Incomplete issues

Key ÷	Summary ÷	Issue type :	Epic ÷	Status :	Assignee :
COSC-20	Event Planner / I want to duplicate wishlists	Story		DONE	NP
COSC-21	Wishlist Contributor / I want a blind feature	Story		IN PROGRESS	GJ
COSC-15	User / I want to create and modify accounts	Story		IN PROGRESS	AM
COSC-17	User / I want to create wishlists	Story		IN PROGRESS	GJ
COSC-61	CSS Styling of Pages	✓ Task		IN PROGRESS	JB
COSC-62	Implement Wishlist share feature - API	✓ Task		DONE	NP
COSC-63	Implement email Notifications	✓ Task		IN PROGRESS	NP
COSC-22	Wishlist Owner / I want to share my wishlist with a link- frontend	Story		IN PROGRESS	JB
COSC-23	User / I want to be able to opt-in for notifications on some of my lists to see when the $\dots$	Story		TO DO	AM
COSC-24	User / I want to be able to leave a comment on contributions	Story		DONE	SS
COSC-27	Wishlist Owner / I want a summary page that shows contributions at a glance	Story		IN PROGRESS	SS
Completed issues					
Key ÷	Summary÷	Issue type:	Epic ÷	Status ÷	Assignee :
COSC-34	Implement frontend for home page	✓ Task		DONE	EB
COSC-18	User / I want to delete wishlists	Story		DONE	SS
COSC-60	API Contributions	✓ Task		DONE	NP
COSC-26	User / I want to set interests on my profile that other people can see	Story		DONE	AM
COSC-64	API Categories	✓ Task		DONE	NP
COSC-36	Implement frontend of event pages	✓ Task		DONE	SS
COSC-70	Write Pytest for end to end testing	✓ Task		DONE	GJ
COSC-71	API add support for arrays	✓ Task		DONE	NP

# Sprint 5

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COSC-80

implement notifications inbox Backend

Key:	Summary :	Issue type :	Epic :	Status:	Assignee :
COSC-63	Implement email Notifications	✓ Task		IN PROGRESS	NP
COSC-22	Wishlist Owner / I want to share my wishlist with a link- frontend	■ Story		IN PROGRESS	JB
COSC-21	Wishlist Contributor / I want a blind feature	Story		IN PROGRESS	GJ
COSC-23	User / I want to be able to opt-in for notifications on some of my lists to see when the status of an	Story		то ро	AM
COSC-15	User / I want to create and modify accounts	Story		IN PROGRESS	AM
COSC-17	User / I want to create wishlists	Story		IN PROGRESS	GJ
COSC-27	Wishlist Owner / I want a summary page that shows contributions at a glance	Story		IN PROGRESS	SS
COSC-72	Add notifications to homepage	✓ Task		IN PROGRESS	EB
COSC-75	Add test for contributions	✓ Task		то ро	GJ
COSC-74	Add test for items	▼ Task		TO DO	GJ
COSC-76	Add test for categories	✓ Task		то ро	AM
COSC-65	Creation of Help web page	✓ Task		TO DO	EB
COSC-78	Connect events page to backend	✓ Task		TO DO	SS
COSC-77	Layout and styling of email notification	✓ Task		TO DO	JB
COSC-39	Site Owner / I would like most wishlisted items to be tracked	Story	DATA TRACKING	TO DO	NP
COSC-81	Forget password - backend	✓ Task		то ро	NP
COSC-82	Frontend Sharing Wishlists - page	✓ Task		TO DO	GJ
Completed issues					
Key:	Summary :	Issue type :	Epic :	Status :	Assignee :
COSC-20	Event Planner / I want to duplicate wishlists	■ Story		DONE	NP
COSC-62	Implement Wishlist share feature - API	▼ Task		DONE	NP
COSC-24	User / I want to be able to leave a comment on contributions	■ Story		DONE	SS
COSC-73	Connect homepage into backend	✓ Task		DONE	EB

Task

DONE

# **Appendices**

Meeting Minutes - <a href="https://drive.google.com/drive/folders/1nsdbSNB-GpEHCatmVDX\_s\_xBf3spju8h?usp=drive\_link">https://drive.google.com/drive/folders/1nsdbSNB-GpEHCatmVDX\_s\_xBf3spju8h?usp=drive\_link</a>

Jira Link - https://nicholasparise.atlassian.net/jira/software/projects/COSC/summary

API Specification Document - <a href="https://docs.google.com/document/d/1SM71JXIzTIFZVJ1sR-axelfNjZRz7TaqCHUoisUTTTc/edit?usp=drive\_link">https://docs.google.com/document/d/1SM71JXIzTIFZVJ1sR-axelfNjZRz7TaqCHUoisUTTTc/edit?usp=drive\_link</a>

GitHub - https://github.com/Nicholas-Parise/4P02-course-project/

#### Work Contributions -

https://docs.google.com/spreadsheets/d/1eE5l75YznTklsjcjskV1zBQ9alD18V7N\_9SvYZ6pKC4/edit2usp=drive\_link

#### Automated Testing Flow Documentation -

https://docs.google.com/document/d/1wd0quA3oHx1mrjeaF-NYpXehc5rbDywUmUwqXefL1w/edit?usp=drive\_link