

TECHNOLOGY STUDENT ASSOCIATION WORK LOG

Date	Task	Time Involved	Team member responsible (student initials)	Comments
1/18/25	Work in making the Our Vision, Chef Table, and Events Sections	5 Hours	L.M.	I was able to finish the Our Vision and Chef Table sections except for the Events Section.
1/19/25	Work in making the Events Section	3 Hours	L.M.	
1/20/25	Working in making Our Vision, Chef Table, and Events Sections responsive for phones	7 Hours	L.M.	I was able to make responsive Our Vision and Chef Table sections except for the Events section.
1/21/25	Working in making Events Section responsive for cell phones.	2 Hours	L.M.	
1/22/25	Working in making Our Vision, Chef Table, and Events	5 or 6.5 Hours	L.M.	I wasn't able to make Events section responsive for smaller screens

	Sections responsive for smaller screens			
1/23/25	Working in making the Events section responsive for smaller screens and make the Contact Page while also making the Contact Page responsive for phones and smaller screens	6-7 Hours	L.M.	
1/17/25 - 1/18/25	Designed the website	10 - 12 hours	A.B	I was able to design the full website using figma I did it in about 2 days the first day was mostly getting ideas and making the header.
1/19/25	Prepared the github repository	45min - 1 hour	A.B	I was able to make my first github repository and structure the project working space
1/19/25	Made the database	2-3h	A.B	Had to make a database for the backend to work

1/20/25	Added the header and the featured products sections.	7h - 8h	A.B	I was able to add the header and the featured product sections
1/21/25	Made the login and login system	4h	A.B	I was able to make a fully working login and logout system with a role based access using sqlalchemy and flask.
1/21/25	Fixed an error : invalid salt	45min - 1h	A.B	Used bcrypt for hashing passwords and had an error invalid salt even though it was working fine.
1/21/25 - 1/25/25	Reservation system	3 - 4 days	A.B	Made a fully working reservation system where I had to store values provided by the user in the session, retrieving and committing data from the database.
1/25/25	Made the staff reservation view	4h	A.B	Made a page where staff members could pick a date and see the available reservations for that date.
	Other error fixing	7h	A.B	Had to fix quite a lot of errors from the jinja2 template, python, pages not found, logical problems that were configured wrong.

	Adding the jinja2 to html so it could add the products added from the database.	4h	A.B	Throughout the project i've had to add jinja2 code to html for retrieving data and displaying things.
	Made the admin panel	3h	A.B	Added the admin panel so products , availability times for reservation could be added and manipulated from there.
1/27/2025	Fixed the reason one product one displaying per menu category, then all products displaying in one category , then only one product displaying in the futured product section in the database	1 - 1.5h	A.B	This requested few attempts manipulating the jinja2 logic but it wasn't so hard.
1/18/25	Was setting up vscode and github	1 hour	M.S	I got stuck a couple time
1/19/25	Started working on Location part of the webpage	4-6 hour	M.S.	I got very stuck on making the page responsive.

1/20/25	Continued working on the Location page	6-7 hour	M.S.	I Started getting the flow of programming.
1/ 21-22 /25	Started on the Visit us part of the webpage	7-10 hour	M.S.	Was getting stuck with putting in images
1/23/25	Had to fix up my location portion of the webpage	3-5 hour	M.S.	
1/24/25	I had finished up on the visit us portion of the webpage.	4-6 hour	M.S.	It took me a while to get the page down since I need to get a couple thing setup.
1/25-26/25	I worked on the about us page	12-14 hour	M.S.	I had to write a sentence for the about us page and also had to structure the about us page so i would know what to do.

1/20	Set-up laptop , got everything Installed and set-up git and vs	8-9 hours	D.K.	
1/20	Started writing about the food items and making a list of hand picked	2-3 hours	D.K.	Never heard of half dishes
1/20	Understanding the figma design and key points to remember when making code snippet	2-3 hours	D.K	
1/21	Helped writing css for the page	4 hours	D.K.	
1/22	Started writing the description of the food items	3.5-4 hours	D.K.	Used references for the food items available online
1/23	Started making the footer of the website	5-6 hours	D.K.	Took a bit too long then expected as i messed up big time.

1/24	Completed the footer and made it responsive then after	3-4 hours	D.K.	Used flex boxes
1/25	Started off with the about us page structure and key points.	1-2 hours	D.K.	
1/26	Helped friend with css location page	1-1.5 hours	D.K.	
1/26	Found the images for the food items keeping copyright rules in mind	3 hours	D.K	
1/27	completed the images left	45 mins	D.K	
1/27	Completed the tagging for the menu items and understood admin panel and did the reference page	5 hours	D.K	

2/22	Start working on step 5 and started to do the flexbox layout	4-5 hours	M.S	Was still figuring out how to use flex box
2/23	Started doing some finishing touch on the step 5	3-4 hours	M.S	Finally started to get the formation looking good
2/25	Fixed some of the title and alignment	4-6 hours	M.S	This was the day I finished my section.
1/25	Created the full design using canva	4 to 6 days	A.B	Had to make a lot of research and to plan the full new database along with it and how will the new reservation system work.
1/25	Set up Flask project structure and initialized SQLAlchemy database.	2 hours	A.B	Created <code>app.py</code> , initialized database models, and set up Flask configurations.

1/25	Updated the user authentication system (login, signup, logout) design and code	3 hours	A.B	
1/25	Developed reservation system (models, routes, and templates).	2 days	A.B	Created Reservation, GuestInfo, and related models. Added reservation routes and templates.
1/25	Implemented the functionality of reservation type selection (make-res.html).	1 hours	A.B	Added functionality to select reservation type (Standard Dining, Chef's Table, Private Events).
2/25	Added location selection and dining area selection functionality.	1.5 hours	A.B	Added functionality to location.html and step2.html for location and dining area selection. To retrieve selected user data using JSON/JS/PYTHON

2/25	Developed date and time selection functionality (date&time-3.html).	2 day	A.B	Implemented calendar and time slot selection for reservations.
2/25	Added functionality to Created guest information form and dietary preferences (details-4.html).	4 hours	A.B	Added form for guest details and dietary preferences, linked to backend.
2/25	Implemented confirmation page and thank-you page (confirmation.html).	1 hours	A.B	Added confirmation page to display reservation details and thank-you page.
2/25	Developed event packages and experience selection (event-packages.html, experience.html).		A.B	Added functionality to select event packages and experiences for private events and chef's table.

2/25	Integrated menu items and featured products on the homepage (main-page.html).	2 hours	A.B	Displayed featured menu items on the homepage with dynamic data from the database.
2/25	Implemented admin panel for managing reservations, users, and menu items and more .	3 hours	A.B	Set up Flask-Admin for managing database records (reservations, users, menu items).
2/25	Debugged reservation flow and fixed issues with session management.	3 hours	A.B	Fixed bugs related to session variables and reservation flow.
2/25	Tested the entire reservation system and fixed minor UI and backend issues.	2 hours	A.B	Conducted end-to-end testing and fixed UI inconsistencies.

2/25	Overall debugging and adding Error handling functionalities	15h	A.B	Faced a lot of bugs either from logic , syntax , or errors sending the data to the backend, had to fix foreign keys and corrupt database logic, had to
Additional Highlights 2/25	Implemented dynamic reservation flow based on reservation type.	1 hour	A.B	Used conditional logic to guide users through different reservation steps (Standard Dining, Chef's Table, Private Events).
2/25	Added conditional database commit based on reservation type.	1 hour	A.B	Ensured only relevant data is stored in the database, avoiding unwanted data values to be saved.
2/25	Implemented dynamic add-on handling for reservations.	1 hour	A.B	Allowed users to select multiple add-ons and calculated total price dynamically.

2/25	Enhanced session management for multi-step reservation flow.	1.5 hour	A.B	Used session variables to store user selections across multiple steps.
2/25	Created a dictionary to store and display reservation summary.	2 hours	A.B	<p>Developed a dynamic and scalable solution to store and display reservation details. The dictionary (reservation_summary) was designed to handle multiple reservation types (Standard Dining, Chef's Table, Private Events) and varying data structures (e.g., packages, experiences, add-ons). The dictionary dynamically populates based on user selections, ensuring that only relevant data is displayed. For example:</p> <ul style="list-style-type: none"> - For Private Events, it stores event package details and calculates the total price. - For Chef's Table, it includes experience details and optional add-ons. - For Standard Dining, it focuses on dining area and time slot details. <p>The dictionary was then rendered in a clean and organized table using a</p>

				<p>loop in the template, ensuring a user-friendly experience. This approach eliminated hardcoding, improved scalability, and made the system adaptable to future changes (e.g., new reservation types or features).</p>
2/25	Profile page design and functionality		A.B	<p>Implemented a user friendly profile section to check on the past and current reservations along with their status and full info.</p>
<p>1/25 and 2/25</p> <p>Made the design then after I finished the database added the functionality</p>	A dashboard that contains collected data from the past reservations.	5h	A.B	<p>Added a staff dashboard that contains total revenue, total reservations, and confirmed reservations. A graph representing reservations over time, and a graph for reservation status along with a table display with a filter that shows all reservations and a dark and light mode functionality</p>