

EE/CprE/SE 492 STATUS REPORT 02

12/5/25 - 02/12/26

Group number: *SDMAY26_44*

Project title: *Culinary Command*

Client &/Advisor: *Matayas Durr's Father (Restaurant Owner) / Simanta Mitra*

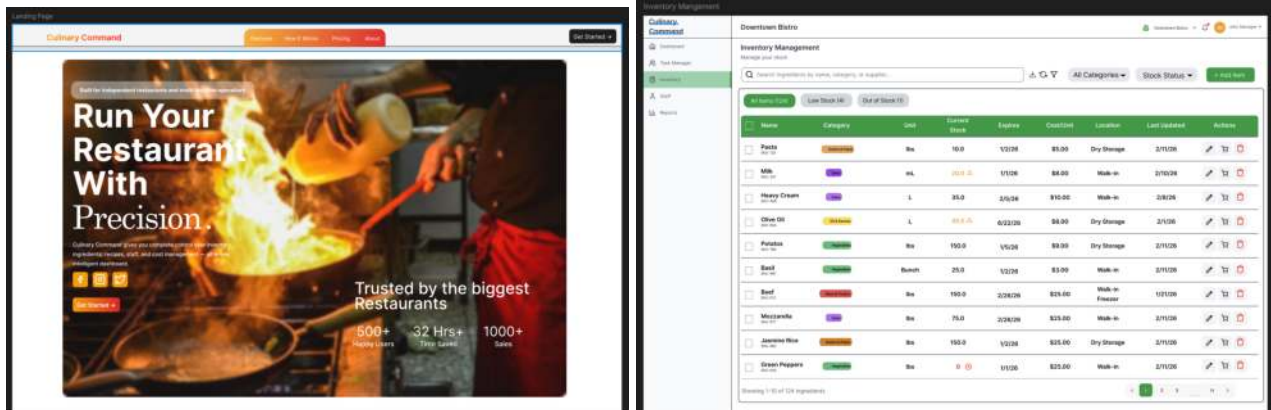
Team Members/Role: *Anthony Phan, Wyatt Hunter, Ryan Rockey, Kevin Tran, Matayas Durr*

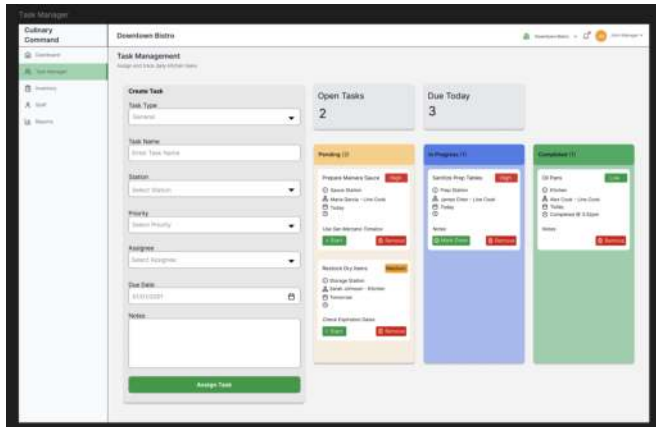
○ Weekly Summary

The team made good progress across design, infrastructure, and core feature development. Anthony has been working on Figma designs for the upcoming demo and created new layouts for settings, tasks, and IMS. This will allow the backend to implement these features. Kevin implemented HTTPS on the lightsail server using Nginx and Let's Encrypt, began building restaurant configuration settings, and outlined role definitions. Ryan improved user and location management logic, fixed several navigation and task visibility issues, and employee dashboard freezing caused by invalid API keys. Matayas refined the demo workflow, advanced the Order List feature, and continued researching 7shifts integration. Wyatt completed Cognito login/logout with secure cookie handling, reworked user-creation flows, finished the landing and signup pages, and resolved merge conflicts while preparing the app for the upcoming demo.

○ Past week accomplishments

- Anthony Phan
 - Major designs needed for demo and renderings completed in Figma
 - Settings, Task, and IMS created new designs to meet what both views, employee and manager will see.





- Kevin Tran
 - Spent time implementing HTTPS using Nginx and reverse proxy. Currently, Cerbot and Let's Encrypt is used to provide the lightsail instance with an SSL certificate. Unfortunately, these will have to be rotated manually unless the team decides to use a paid SSL.
 - An alternative is to use Caddy as it handles everything in the backend.
 - Relevant documentation that was referred to:
 - <https://www.digitalocean.com/community/tutorials/how-to-secure-nginx-with-let-s-encrypt-on-ubuntu-20-04>
 - [https://www.digitalocean.com/community/tutorials/how-to-install-nginx-on-ubuntu-20-04#step-5-%E2%80%93-setting-up-server-blocks-\(recommended\)](https://www.digitalocean.com/community/tutorials/how-to-install-nginx-on-ubuntu-20-04#step-5-%E2%80%93-setting-up-server-blocks-(recommended))
 - <https://www.digitalocean.com/community/tutorials/initial-server-setup-with-ubuntu-20-04>
 - Started working on restaurant configuration settings. E.g., a restaurant owner can create/add relevant units of measurements that will be used throughout Culinary Command.
 - Define user roles for Culinary Command app (restaurant owner, manager, employee):



Restaurant Admin

Scope: Entire organization / company

Authority: Full control over all locations, users, and high-level

Responsible for creating/managing restaurant locations	Invite and manage restaurant managers for each location	View organization-wide analytics
Responsible for managing vendors	Financials	Audit logs & compliance
Responsible for Culinary Command / location configuration		



Restaurant Manager

Scope: One restaurant location

Authority: operational control, but not organization-wide

Manage employees (invite, remove, assign roles, approve time-off requests)	Oversee daily operations (open/close procedures, shift assignments, task lists)	Manage inventory (stock counts, ordering, waste tracking)
Edit the menu for their location (pricing, availability, modifiers)	Handle customer issues (refunds, comps, voids -- within limits set by owner)	Approve schedules and ensure labor compliance
Run reports (daily sales, labor, product mix, employee performance)	Configure location-specific settings (hours, printer routing, prep stations)	Moderate employee notes or incident reports



Restaurant Employee

Scope: Their own tasks and shifts

Authority: Limited to operational actions

Clock in / out?	Complete shift tasks (cleaning checklists, prep lists, closing duties)				
View their performance metrics					

- Ryan Rocky
 - Update the admins' Manage Users page to:
 - Only show users within their company
 - only show locations within their company
 - correctly assign a location to a user
 - Fix generic tasks not showing up for employees
 - Remove My Tasks view from managers' and admins' Nav Bar
 - Remove Inventory view from employees' navBar
 - Update the admins' /settings/locations page to properly add users to a location
 - Fix app freezing and not updating for employee dashboard when an invalid API key is assigned
- Matayas Durr
 - Reviewed and refined demo workflow
 - Researched 7shifts API integration
 - Began implementing Add To Order List feature
 - Tested Cognito migration
 - Helped prioritize demo-ready features
- Wyatt Hunter
 - Finished researching AWS Cognito. Implemented Cognito Login and Logout with cookie handling and security. With Cognito, I had to reimplement user creation and invite logic so Cognito could create a user on the AWS side. The team can now delete the User.Password property to make it more secure, Cognito handles the

passwords. Finished the landing page and sign-up page as well with these new implementations. Along with all of that, spent some time on merge conflicts and solving them through Discord and double-checking logic.

○ **Pending issues** *(If applicable: Were there any unexpected complications? Please elaborate.)*

- Anthony Phan:
 - Pages that have tabs need to have drawings done, or renders of them created to be able to start on backend logic
- Kevin Tran:
 - Method of supply order is still not super clear.
- Ryan Rockey:
 - LocationState still is not persistent across refresh. It syncs between pages, but once the user refreshes and SignalR is interrupted, the location selected goes back to the first one.
- Matayas Durr:
 - Lightsail server reliability has been inconsistent
 - 7shifts integration is still in research stage
 - Order List feature is not fully complete yet
- Wyatt Hunter:
 - Admin email still needing to get set up to send invites.

○ **Comments and extended discussion** *(Optional)*

*Should we add a widget for testing users to report bugs/problems or other miscellaneous stuff?
Start thinking about holding all strings in an enum/string style.
Go through all pages on a tablet to test tablet view.*

○ **Plans for the upcoming week** *(Please describe duties for the upcoming week for each member. What is(are) the task(s)? Who will contribute to it? Be as concise as possible.)*

- Anthony Phan:
 - Start coding up the renderings into the applications and merge them into main to be able to work on backend logic
 - Pages with tabs need drawings done in Figma
 - Link the created landing page to the sign up/sign in page
- Kevin Tran:
 - Get the inventory management system into a consistent state. That is, display every relevant field including the appropriate unit of measurement defined by the restaurant owner and supplier/vendor.
- Ryan Rockey:

- Talk with Wyatt about implementing email service, either with Cognito or pivot back to the Resend API.
- Integrate Cognito token created by Wyatt with an employee signup page
- Matayas Durr:
 - Continue developing order list feature
 - Further research and evaluate 7shifts
 - Finalize demo checklist and rehearse demo flow
- Wyatt Hunter:
 - Finish cleaning up the Cognito implementations along with testing. Get an email manager set up to handle invitees. The team has a demo at the end of next week so going to try to clean, fix, and add details throughout the source code.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick list of contributions. This should be short.)</i>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Anthony Phan	Figma Drawings and Design	7	13
Kevin Tran	Defined user roles and document it, enabled HTTPS, restaurant setting configuration.	8	15
Matayas Durr	Demo planning, 7shifts API research, Order List feature development	12	18
Ryan Rockey	Fix various bugs with LocationState, the task assign page, the admin location view page	8	14
Wyatt Hunter	Cognito Login and Logout, with improved sign up page and secondary landing page connecting to Anthony's landing page.	14	20