

EE/CprE/SE 492 STATUS REPORT 06

03/27/25 - 04/09/26

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

o Weekly Summary

The team made good progress this week. Anthony built a new four-card dashboard and cleaned up the UI with tighter spacing and consistent colors. Kevin pulled in Margin Edge data, improved ingredient mapping, updated the SmartTasks setup, and polished the catalog page. Ryan added storage locations, cleaned up unit types, and fixed an ingredient edit bug. Matayas rebuilt the Task Assignment flow, added task libraries and lists, improved search, and planned the Demo 2 layout. Wyatt switched email sending to Resend and expanded Playwright tests across core CRUD features, with inventory tests still in progress.

o Past week accomplishments

- o Anthony Phan
 - o Implemented a new dynamic dashboard for admins and managers.
 - 4 card
 - Card 1: Table that show the number of ingredients below its stock level, warning user of a necessary restock.
 - Card 2: Pie chart displaying the number of tasks completed, and how many are pending.
 - Card 3: Chart displaying the number of tasks completed by an employee
 - Card 4: Updates and adds a new row, on actions completed within the tasks section.
 - o Created a consistent UI look for all pages
 - Pages now have smaller margins on the sides, take up a little more space, removing the whitespace.
 - Headings and colors are consistent across all pages for better readability.
 - o Started looking into UI animation libraries that could be used to animate cards or loading pages.

- Started brainstorming what the view profile page should look like, will talk about in weekly team meeting.
- Kevin Tran
 - Began working on Margin Edge data imports using various scripts:
 - Populated Inventory Catalog with ingredients from the last 6 months.
 - Mapped each ingredient to a category.
 - Mapped each ingredient to a supplier (still needs work).
 - Reworked architecture for Smart Task generation using GenAI model API.
 - Made visual improvements to the inventory catalog page.
- Ryan Rockey
 - Implemented **storageLocation** feature
 - Ingredients are now able to be assigned a location within the restaurant
 - Freezer #2, downstairs walk-in, etc.
 - Required creating:
 - New Service **StorageLocationService**
 - New entity **StorageLocation**
 - DB Migration
 - Removed superfluous **Unit** enum
 - Duplicates of gram, kilogram, each
 - Fixed a bug on Ingredients page causing **Units** to reset on **Ingredient** edit
- Matayas Durr
 - Redesigned and refactored the Task Assignment system to improve usability and manager workflow
 - Implemented Task Library and Task Lists functionality for multiple task assignments at the same time
 - Built backend support for task templates, task lists, and task list items
 - Integrated frontend UI components using Bootstrap to match updated Figma designs
 - Added search and filtering capabilities for task templates and task lists
 - Planned and structured Demo 2 workflow, including user roles, key features, and presentation flow
- Wyatt Hunter
 - Worked on application email functionality and deployment-related setup.
 - Investigated issues with AWS SES and, after setbacks with approval and setup, reverted the email approach away from AWS SES and moved the project to Resend for simpler and more reliable email sending.
 - Update Application Code to use Resend.
 - Shifted to Playwright Testing:
 - Continued improving login, authentication test setup, and began building out tests starting with the Manage Users. (done now)
 - Worked through test execution/debugging issues to get Playwright tests running more reliably in the project environment.

- Recipes, Ingredients, and Users CRUD functionality all tested.
- Inventory Testing in progress. Involves moving recipes/ingredients around, adding, subtracting, and more in-depth details.

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

- o Anthony Phan:
 - o The new changes of the dashboard pushed into prod would break the app.
 - Looking into changes now and hopefully will be fixed before demo this weekend.
 - o Dropdowns of selecting a restaurant and profile weren't working in dev, but should be fixed once in prod.
- o Kevin Tran:
 - o The app needs some consistent visuals. It currently looks a bit rudimentary.
- o Ryan Rockey:
 - o **LocationState** is still not persistent, and may cause issues on some pages, like the location/restaurant configure page. Still working on a workaround for this.
- o Matayas Durr:
 - o Task List UI needs improved visibility of included templates
 - o Minor UI inconsistencies and responsiveness issues still present on assignment page
 - o Performance optimization may be needed for loading large sets of templates/lists
- o Wyatt Hunter:
 - o Email functionality required a change after AWS SES issues, so the team had to spend extra time reworking the setup for Resend.
 - Issue was AWS not approving our domain/application to get out of Sandbox mode.
 - o Some pages are unreachable due to the window size and margin size. Playwright caught these.

o **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.)*

- o Anthony Phan:
 - o Help Kevin with the Recipe View page created a column section to display an image, and information section about the recipe.
 - o Button fixes/location elements need to be moved around
 - o Being to test animations on pages and UI elements
- o Kevin Tran:
 - o Collaborate with team members to get Smart Task up and working. More specifically, set up the infrastructure so that it unblocks other members.

- Ryan Rockey:
 - Fix **LocationState** persistence issue
 - Implement **SmartTask** user stories
- Matayas Durr:
 - Improve Task List UI by displaying template previews within lists
 - Continue refining Task Assignment UI for demo polish and usability
 - Finish the final Demo 2 preparation and ensure smooth end-to-end workflow
- Wyatt Hunter:
 - Continue building Playwright tests. Clean up Inventory testing and move on to other major components in the application like Task Assignments.
 - We also have a demo this Saturday (04/11/26)

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick list of contributions. This should be short.)</i>	<u>Hours this report</u>	<u>HOURS cumulative</u>
Anthony Phan	UI changes, Dashboard implementation, Animation research	14	53
Kevin Tran	Created scripts to import data, inventory catalog visualization improvements	14	71
Matayas Durr	Task Assignment redesign, Task Library + Task Lists implementation, backend data modeling, UI improvements, demo planning	14	52
Ryan Rockey	StorageLocation feature, Unit update, bug fixes	12	56
Wyatt Hunter	Resend Email Configuration and Playwright testing (Manage Users, Recipes/Ingredients, Inventory)	12	64

○ **Summary of advisor meeting(s)**

The team went over a variety of changes that the team worked on in between advisor meetings. The changes included a reworked task system, manager dashboard, visualization improvements, and backend architecture. Professor Mitra reminded the team to keep in mind what questions the industry panel would ask so that the team can be prepared for the industry panel presentation.