

EE/CprE/SE 492 STATUS REPORT 03

12/13/25 - 02/26/26

Group number: SDMAY26_44

Project title: Culinary Command

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

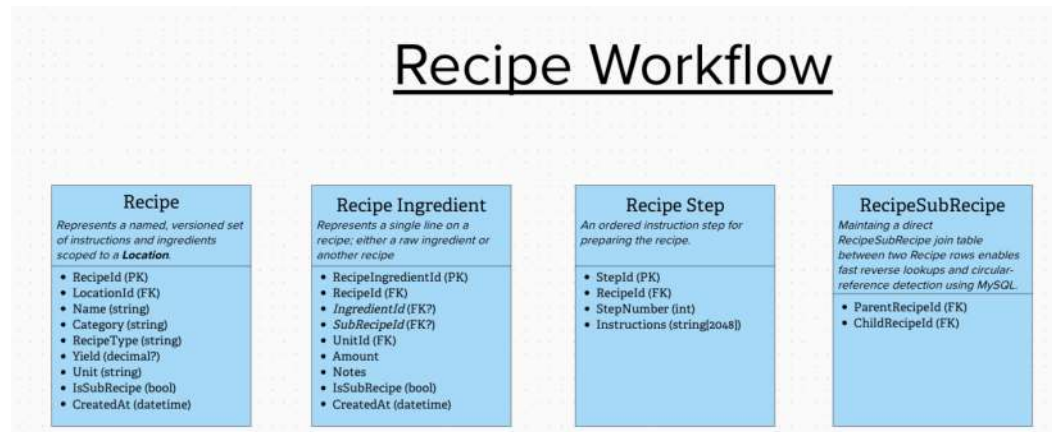
Team Members/Role: Anthony Phan, Wyatt Hunter, Ryan Rockey, Kevin Tran, Matayas Durr

○ Weekly Summary

The team focused on infrastructure optimization and UI updates for these last two weeks. The team performed a live demo with the client's kitchen staff, garnering some feedback that can be put right back into the app. The repository was migrated, making development stronger by now requiring approvals from team members before PRs are merged to main. UI sketches and updates were also completed.

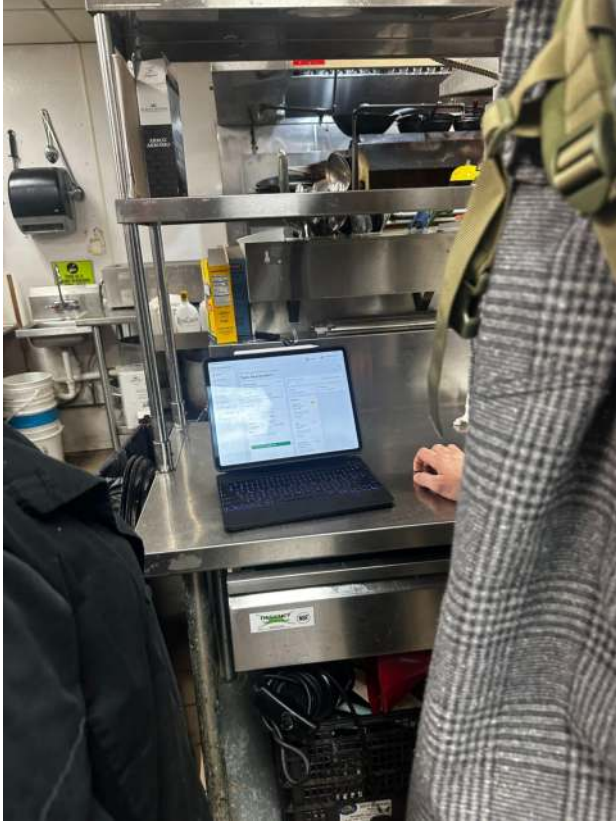
○ Past week accomplishments

- Anthony Phan
 - Drew up some small draft sketches for next demo, based on feedback of previous demo
- Kevin Tran
 - Migrated the Culinary Command repository to its own organization.
 - This was needed to help speed up development as the other team members were not repository administrators.
 - Spent time architecting Recipe logic. This is something very crucial to Culinary Command, so a lot of time is being invested to ensure that it is implemented correctly.



- Ryan Rockey
 - Update sign up page's password progress tracking
 - Remove deprecated /ingredients page and references
- Matayas Durr
 - Refined demo workflow based on live testing.
 - Performed a live demo at Prairie Canary on 02/21/26 with client and kitchen staff manager.
 - Gathered and documented feedback on prep list persistence, task assignment redesign, inventory usability, and language settings.
 - Continued developing and testing the Out of Stock / Add to Order List feature (not yet merged to main)
 - Assisted in prioritizing post-demo feature updates





- Wyatt Hunter
 - I've completed and stabilized the Cognito authentication integration, finalized the admin signup flow, and fully implemented invite-based onboarding with token activation. I added Cognito-aligned password validation, improved error handling, and refactored the user management UI into an accordion layout with visible invite tokens and copy functionality. I also reorganized user-related components and improved validation to prevent edge-case failures. And went to the Demo with Matayas.
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- **Pending issues** *(If applicable: Were there any unexpected complications? Please elaborate.)*
 - Anthony Phan:
 - None
 - Kevin Tran:
 - No pending issues.
 - Ryan Rockey:
 - LocationState is still not persistent across refresh
 - Matayas Durr:
 - Having problems with an automatic refresh when the manager adds tasks and tasks showing up for employees.
 - Wyatt Hunter:
 - No pending issues

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

- **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:
 - Continue to draw up and draw complete sketches to apply and render into the application. Present ideas of features based on feedback
 - Kevin Tran:
 - Merge in Recipe logic changes + demo it to the team. If the team is aligned, time will be spent architecting and implementing auto-scaling ec2 groups to ensure that the app can accommodate high traffic scenarios.
 - Ryan Rockey:
 - Implement sketches from Figma into app, start work on AI pipeline if MarginEdge is able to be accessed.
 - Matayas Durr:
 - Finalize and merge the Out of Stock / Order list feature into main.
 - Begin redesign of task assignment page based on demo feedback.
 - Work on prep list persistence improvements (saved state + live refresh behavior).
 - Implement margin edge data.
 - Continue evaluating 7shifts integration.
 - Wyatt Hunter:
 - I plan to shift back to Margin Edge (restaurant API they use) integration to ensure our inventory data is in sync. (Going to be a group effort, there is a lot) I also want to research concurrency and deadlock prevention strategies

so inventory entities don't become inconsistent when multiple users modify data at the same time. This will likely involve reviewing transaction handling, isolation levels, and potential locking patterns in EF Core (how our platform builds upon, like React) and MYSQL for now and AWS later. Additionally, I want to plan on identifying which pages would support live refresh functionality and begin researching real-time update approaches to improve the multi-user experience.

○ **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 sketches	6	19
Kevin Tran	GitHub repository migration, architecting recipe logic	13	28
Matayas Durr	Demo testing, Demo execution, feedback integration, Order List feature development/testing	12	30
Ryan Rockey	Signup page updates, code cleanup	12	26
Wyatt Hunter	Got Cognito fully merged in, password requirements with Ryan's help. Token appearance for Admins.	12	32

○ **Advisor meetings summary**

The team met with the advisor, Simanta Mitra on Feb 19 and for the instructor review meeting, with the assigned TA, Mahmoud Gshash on Feb 20. The meetings were productive, with Professor Mitra supporting the idea of an in-person demo with kitchen staff. The TA was also supportive of this idea, and was impressed with the current deployed version of Culinary Command.