

Code Crafters Project Journal

XP Core Values

Throughout the project, our team prioritized Communication by maintaining transparency through Discord meetings early on and shifting to text updates when live discussions became challenging. The backend team played a key role in guiding the frontend, explaining API usage—such as which endpoints to call for specific functions (e.g., POST /api/restaurants for adding or DELETE /api/restaurants/{id} for removing restaurants as an admin). They also clarified errors and data retrieval methods, ensuring smooth collaboration.

Meanwhile, feedback was central to our progress: after each sprint, we reviewed completed tasks, identified issues (e.g., API response mismatches), and iterated quickly. The backend team actively implemented frontend requests, such as modifying APIs for new features, and we validated changes together through testing. This cycle of open communication and rapid feedback allowed us to refine functionality continuously and deliver a more robust system.

Scrum Backlog (Sprint and Product backlog) : [Sprint Planning](#)

Burndown chart: [Sprint Planning and Schedule 202](#)

Weekly Scrum Report

Week 1: 02/28/2025 - 03/02/2025

Dat Tri Tat

- What tasks did I work on / complete?
 - Worked on the database schema and designed the app workflow.
 - I implemented Authentication/Authorization and set up role-based controls
- What am I planning to work on next?
 - I'm planning to document APIs using Swagger UI and research methods for quickly deploying servers to Railway, enabling the frontend to call APIs from the backend.
- What tasks are blocked, waiting on another team member?
 - None

Khanh Chung:

- What tasks did I work on / complete?
 - Worked on the database schema and designed the app workflow.
- What am I planning to work on next?
 - I am working on creating APIs for Restaurant Managers. Including requesting a new listing, updating existing restaurants
- What tasks are blocked waiting on another team member?
 - Authentication/Authorization users are implemented by Dat

Miguel Vazquez:

- What tasks did I work on / complete?
 - Worked on the database schema and designed the app workflow.
 - Researched CI/CD platforms to use during development
- What am I planning to work on next?
 - I am planning on working on folder structure and initial code structure.
 - I plan to start working on the initial Figma designs for the website.
- What tasks are blocked waiting on another team member?
 - None

Hei Lam:

- What tasks did I work on / complete?
 - Worked on the database schema and designed the app workflow.
 - Set up the react framework and test the login web page work on the computer.
- What am I planning to work on next?
 - I am going to do some research for Vite.
 - I plan to start working on the initial Figma designs for the website with Miguel.
- What tasks are blocked waiting on another team member?
 - None

Week 2: 03/03/2025 - 03/09/2025**Khanh Chung:**

- What tasks did I work on / complete?
 - I developed the main functionalities for the Restaurant CRUD APIs related.
- What am I planning to work on next?
 - I will test the correctness of the APIs.
- What tasks are blocked waiting on another team member?
 - None

Dat Tri Tat

- What tasks did I work on / complete?
 - I deployed the backend quickly to Railway to enable the frontend team to test login, logout, and user registration features.
- What am I planning to work on next?
 - I'm working on developing a Restaurant Search API with filters (City, Date, Time, Cuisine)
- What tasks are blocked waiting on another team member?
 - None

Miguel Vazquez:

- What tasks did I work on / complete?
 - Moved LoginForm and SignupForm components to a dedicated components folder for better structure. Removed the AuthForm component, replacing its functionality with React Router routes.
 - Integrated react-router-dom, setting up routes for the LoginPage and SignUpPage
- What am I planning to work on next?
 - Work on Figma designs for the website.
- What tasks are blocked waiting on another team member?
 - None

Hei Lam:

- What tasks did I work on / complete?
 - Set up the Vite react framework project.
 - Created the rough login/signup web pages and tested it on the local host.
 - Tested Miguel's updated code and opened it on my local host successfully
- What am I planning to work on next?
 - Work on Figma designs for the website with Miguel.
- What tasks are blocked waiting on another team member?
 - None

Week 3: 03/10/2025 - 03/16/2025**Khanh Chung:**

- What tasks did I work on / complete?
 - Fixed error logic in the implementation that I did previous
- What am I planning to work on next?
 - I will test the correctness of the APIs.
- What tasks are blocked waiting on another team member?

- None

Dat Tri Tat:

- What tasks did I work on / complete?
 - I implemented role-based access control by assigning specific controller-level roles to each API endpoint in the backend system.
- What am I planning to work on next?
 - Start integrating user features with the frontend and set up deployment for testing.
- What tasks are blocked waiting on another team member?
 - None

Hei Lam:

- What tasks did I work on / complete?
 - Created login/sign-up pages and admin pages for admin on Figma
 - Added admin dashboard page
- What am I planning to work on next?
 - Fix the css code for formatting the admin dashboard look nicer.
 - Connect the pages and navigate them by clicking the corresponding buttons.
- What tasks are blocked waiting on another team member?
 - None

Miguel Vazquez:

- What tasks did I work on / complete?
 - Worked on improving the Figma designs and finishing up some pages like the RestaurantManager pages.
- What am I planning to work on next?
 - Finish the Figma designs and start implementing the Home page.
- What tasks are blocked waiting on another team member?
 - None

Week 4: 03/24/2025 - 03/30/2025

Khanh Chung:

- What tasks did I work on / complete?
 - I updated the UML diagram.
 - Developed and implemented comprehensive test cases for Authorization Controller functionalities.
- What am I planning to work on next?
 - I will implement test cases for the correctness of the APIs.

- What tasks are blocked waiting on another team member?
 - None.

Dat Tri Tat:

- What tasks did I work on / complete?
 - I implemented APIs for restaurant approval, deletion, and review functionalities for admin.
- What am I planning to work on next?
 - Work on deployment and initial CI/CD setup.
- What tasks are blocked waiting on another team member?
 - None

Hei Lam:

- What tasks did I work on / complete?
 - Continue fixing the admin page format
- What am I planning to work on next?
 - Fix the admin pages format
- What tasks are blocked waiting on another team member?
 - None

Miguel Vazquez:

- What tasks did I work on / complete?
 - Finished all Figma designs
 - Implemented the Navigation bar that would be used in the Customer pages.
 - Refactored code for better routing.
 - Started the implementation of the Home page.
- What am I planning to work on next?
 - Continue working on the home page.
- What tasks are blocked waiting on another team member?
 - None

Week 5: 03/31/2025 - 04/06/2025

Khanh Chung:

- What tasks did I work on / complete?
 - I extract error handlers into a separated module.
- What am I planning to work on next?
 - I will collaborate with frontend team to fix any error happen
- What tasks are blocked waiting on another team member?

- None

Dat Tri Tat:

- What tasks did I work on / complete?
 - I integrated SMS confirmation, implemented restaurant search API, and fixed major backend bugs.
- What am I planning to work on next?
 - Refactor and prepare backend for deployment to GKE.
- What tasks are blocked waiting on another team member?
 - None

Hei Lam:

- What tasks did I work on / complete?
 - Read the customer code
 - Added admin pages tab navigation
- What am I planning to work on next?
 - Fix all admin pages' format, icon, buttons, etc.
- What tasks are blocked waiting on another team member?
 - None

Miguel Vazquez:

- What tasks did I work on / complete?
 - Completed the "Make a reservation" component in the home page.
 - Completed the implementation of the Top-rated restaurants carousel in the Home page.
 - Completed the implementation of the front-end of the home page.
- What am I planning to work on next?
 - Work on the Search Results page.
- What tasks are blocked waiting on another team member?
 - None

Week 6: 04/07/2025 - 04/13/2025

Khanh Chung:

- What tasks did I work on / complete?
 - Redesigned some APIs.
 - Developed and implemented comprehensive test cases for Restaurant Controller functionalities.
- What am I planning to work on next?
 - I will implement test cases for Review controller functionalities.
- What tasks are blocked waiting on another team member?

- None

Dat Tri Tat:

- What tasks did I work on / complete?
 - Integrated Cloundinary for image storage, added an API to retrieve unapproved restaurants, and configured the CI/CD pipeline for deployment to GKE. Also supported the team by helping debug frontend issues and integrating role-based API access with controller-level restrictions.
- What am I planning to work on next?
 - Set up automatic reservation completion and improve backend workflows.
- What tasks are blocked waiting on another team member?
 - None

Hei Lam:

- What tasks did I work on / complete?
 - Fixed the Admin pages' sidebar format.
 - Fixed the Approve New Restaurants format.
 - Updated the Approve New Restaurants's CSS.
 - Added check/uncheck to approve and remove the restaurants page.
 - Added the logout button navigation.
 - Moved the Admin pages' CSS file to the styles folder.
 - Moved the SideBar and SideBarNavItem.jsx files to the components folder.
 - Refractor the SideBar, AdminAddRest, AdminDashboard and AdminRemoveRest code.
 - Added login function with backend (using axios library)
 - Added role function to redirect the corresponding pages based on the roles.
- What am I planning to work on next?
 - Admin pages retrieve data from the backend to show on pages.
 - Approve (add restaurants to the remove restaurant) and remove restaurants. This has to work with the backend.
- What tasks are blocked waiting on another team member?
 - Waiting for the backend for the Database.

Miguel Vazquez:

- What tasks did I work on / complete?
 - Refactor navigation in Sidebar components and clean up App routes.
 - Added ReservationContext to manage reservation states across the app.

- Implemented Search filtering and fixed layout.
- Added SearchComponent for reservation handling with date, time, and guest inputs.
- Refactor RestaurantBox component to support horizontal layout and update CSS styles for improved responsiveness.
- Added the RestaurantPage to display restaurant details and available time slots
- Implement navigation on RestaurantBox click and update CSS for pointer cursor.
- What am I planning to work on next?
 - Fix problems with layout on the restaurant page.
 - Implement features on the restaurant page.
 - Implement BookingPage
- What tasks are blocked waiting on another team member?
 - none

Week 7: 04/14/2025 - 04/20/2025

Khanh Chung:

- What tasks did I work on / complete?
 - Developed and implemented comprehensive test cases for Review Controller functionalities.
- What am I planning to work on next?
 - I will implement test cases for Reservation controller functionalities.
- What tasks are blocked waiting on another team member?
 - None

Dat Tri Tat:

- What tasks did I work on / complete?
 - Created availability API for restaurant seats, added Swagger docs, adjusted timezones, and ensured users can only review completed reservations.
- What am I planning to work on next?
 - Continue testing and optimizing reservation and review APIs.
- What tasks are blocked waiting on another team member?
 - None

Hei Lam:

- What tasks did I work on / complete?

- Tested remove restaurant with the database
- Debugged remove restaurant, login form and admin dashboard.
- Added and tested the add new restaurants to the backend.
- Learned my mistakes with my teammates' help.
- Restaurant owner management pages (Dashboard and Restaurant profile)
- Added "Add a new listing" function.
- Finished signing up with the backend
- Finished approving the new restaurant
- What am I planning to work on next?
 - Fixing the update restaurant bug
 - Fixing the bug of retrieving the restaurant reservation.
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- What tasks are blocked waiting on another team member?
 - none

Miguel Vazquez:

- What tasks did I work on / complete?
 - Enhance RestaurantPage with image display, reservation section, and styling updates.
 - Added reviews section to RestaurantPage with styling and layout improvements.
 - Added TimeSlotsComponent to manage time slot availability in RestaurantBox and RestaurantPage.
 - Implemented BookingPage component with reservation details and styling.
 - Refactor HomePage to fetch top-rated restaurants from API and cache results in sessionStorage; implement dynamic star rating in RestaurantBox component.
 - Refactored SearchResultsPage to fetch and filter restaurant data based on search term; update cuisine and location filters dynamically.
 - Added review submission functionality and fetch restaurant data on load
- What am I planning to work on next?
 - Fix filtering issues in the search page.
 - Handle hours of operation.
 - Fix Restaurant_Manager routes and create protected routing.
 - Fix bugs
- What tasks are blocked waiting on another team member?
 - none

Week 8: 04/21/2025 - 04/27/2025

Khanh Chung:

- What tasks did I work on / complete?
 - Worked with Hei Lam (pair programming) to resolve errors that happened in the frontend.
- What am I planning to work on next?
 - Checkout the frontend and monitor the health of the system in the production environment.
- What tasks are blocked waiting on another team member?
 - None

Dat Tri Tat:

- What tasks did I work on / complete?
 - Extended the system with publicly accessible endpoints, refined reservation response structures, implemented robust CORS and OPTIONS request handling, added token-based session security, and conducted major backend architectural refactoring.
- What am I planning to work on next?
 - Implement reporting features and enhance dashboard data APIs.
- What tasks are blocked waiting on another team member?
 - None

Hei Lam:

- What tasks did I work on / complete?
 - Learned the code from the backend team
 - Added the reservation UI.
 - Tested the code that the backend team fixed the bugs.
- What am I planning to work on next?
 - Bug fixing.
- What tasks are blocked waiting on another team member?
 - none

Miguel Vazquez:

- What tasks did I work on / complete?
 - Increased the number of top-rated restaurants displayed from 5 to 10.
 - Implemented dynamic filtering for restaurant search results by cuisine, price, rating, and location.
 - Created HoursOfOperation component to display restaurant hours and current status.
 - Added AuthContext for user authentication and token management

- Added getRestaurantReviews and confirmReservation functions with improved error handling
- Fix error handling message formatting and update role option in SignupForm.
- What am I planning to work on next?
 - Refactor authentication handling in apiCalls.js to centralize token retrieval and improve error handling
 - Refactor SearchResultsPage, RestaurantBox, and ReservationsPage
- What tasks are blocked waiting on another team member?
 - none

Week 9: 04/28/2025 - 05/04/2025

Khanh Chung:

- What tasks did I work on / complete?
 - Worked with Hei Lam (pair programming) to resolve errors that happened in the frontend.
- What am I planning to work on next?
 - Checkout the frontend and monitor the health of the system in the production environment.
- What tasks are blocked waiting on another team member?
 - None

Dat Tri Tat:

- What tasks did I work on / complete?
 - Implemented APIs to get reservations by time range, added costRating field to restaurant response, and improved cancellation messaging.
- What am I planning to work on next?
 - Prepare the final build for deployment and conduct end-to-end testing.
- What tasks are blocked waiting on another team member?
 - None

Hei Lam:

- What tasks did I work on / complete?
 - Learned the code from the backend team
 - Added Admin dashboard stats to view all restaurants' reservations and cancellations
 - Tested the code that the backend team fixed the bugs.
- What am I planning to work on next?
 - Test and debug

- What tasks are blocked waiting on another team member?
 - none

Miguel Vazquez:

- What tasks did I work on / complete?
 - Refactor authentication handling in apiCalls.js to centralize token retrieval and improve error handling
 - Refactor HomePage to improve restaurant fetching logic, ensure bookedTimes is a number, and enhance loading state management
 - Refactor RestaurantBox to fetch and display restaurant reviews, calculate average rating, and improve loading state management
 - Refactor TimeSlotsComponent to ensure proper time formatting, integrate Pacific Time conversion, and enhance default time slot generation
 - Format hours and minutes for booking submission to ensure proper API date-time structure
 - Refactor cancelReservation function to accept reservation object and remove commented-out code
 - Add open now filter to SearchResultsPage; implement restaurant hours check and update filtering logic
 - Enhance restaurant data fetching in RestaurantPage; add loading and error handling, validate restaurant ID, and navigate to 404 on failure
- What am I planning to work on next?
 - Add delete review functionality
 - Fix bugs
- What tasks are blocked waiting on another team member?
 - none

Week 10: 05/05/2025 - 05/11/2025

Khanh Chung:

- What tasks did I work on / complete?
 - Met with teams and ran the whole app to find and fix any errors still happening in the program.
- What am I planning to work on next?
 - Prepare for the presentation.
- What tasks are blocked waiting on another team member?
 - None

Dat Tri Tat:

- What tasks did I work on / complete?

- Met with team members to validate input handling for both reservation and restaurant forms.
- Implemented an API to count the total number of reservations for each restaurant for today
- What am I planning to work on next?
 - Integrate the reservation count API into the frontend and prepare for the upcoming presentation.
- What tasks are blocked waiting on another team member?
 - None

Miguel Vazquez:

- What tasks did I work on / complete?
 - Refactor reservation cancellation logic; improve API call structure, enhance logging, and ensure user authentication before cancellation
 - Add review deletion functionality; implement confirmation dialog, update state after deletion, and enhance error handling
 - Add review update functionality; implement conditional logic for editing and creating reviews
 - Enhance token refresh logic; implement cooling period and state management for refreshing tokens
 - Add validation to prevent submitting unchanged reviews during editing
- What am I planning to work on next?
 - Fix bugs and add last features.
- What tasks are blocked waiting on another team member?
 - none

Hei Lam:

- What tasks did I work on / complete?
 - Met with teams and ran the whole app to find and fix any errors still happening in the program.
 - Fixed the restaurant update authentication token error.
 - Fixed the add new restaurant error.
- What am I planning to work on next?
 - Prepare for the app demo and workflow.
- What tasks are blocked waiting on another team member?
 - None

Week 11: 05/12/2025 - 05/13/2025

Khanh Chung:

- What tasks did I work on / complete?

- Fixed the authentication in the login form which did not use the pre-defined `useAuth()`.
- What am I planning to work on next?
 - Finish the project journal.
- What tasks are blocked, waiting on another team member?
 - None

Dat Tri Tat:

- What tasks did I work on / complete?
 - I implemented the `bookedTimes` feature to track reserved time slots and prevent double bookings on Frontend. I also added logic to count the number of bookings made for the current day. Additionally, I fixed issues in the `ReservationTimeSlot` component and resolved bugs related to editing restaurant details by users with the Manager role.
- What am I planning to work on next?
 - Finish the project journal.
- What tasks are blocked waiting on another team member?
 - None

Hei Lam:

- What tasks did I work on / complete?
 - Tested the admin login and its functions: approve, delete restaurant and dashboard.
 - Tested restaurant owner functions: edit, update, and delete.
- What am I planning to work on next?
 - Finish the project journal.
- What tasks are blocked waiting on another team member?
 - None

Miguel Vazquez:

- What tasks did I work on / complete?
 - Added booking count to restaurant sorting and improve price filter logic
 - Update restaurant info window to display cost rating as dollar signs
 - Added photo modal functionality and improve photo display logic on `RestaurantPage`
- What am I planning to work on next?
 - Finish project journal
- What tasks are blocked waiting on another team member?
 - none