

Weekly Work Distribution

Week 1 (24th Feb – 28th Feb):

Dinesh: Start with a Node.js repo and establish the first database schema for restaurants.

Venkat: Use a React app for user and business owners, including routing and schemas and anything else.

Tharun: Wireframe and Admin/Review schema.

Sravani: Download MongoDB, connect it to the backend files, and create simple UI.

Week 2 (3 Mar – 7 Mar):

Dinesh: Design API for Business-Owner endpoints.

Venkat: Design and Implement initial Restaurant endpoints.

Tharun: Develop Review and Admin endpoints.

Sravani: Design User auth-related endpoints (registration, login, profile).

Week 3 (10th March - 14th March):

Dinesh: Build reusable Navigation Bar & Footer components.

Venkat: Implement static Home page with dummy restaurant cards.

Tharun: Construct Restaurant page UI and finalize all DB schemas.

Sravani: Implement registration, login, and profile APIs.

Week 4 (17 Mar – 21 Mar):

Venkat: Develop “Add Restaurant” form for Business Owners.

Dinesh: Create ZIP-code search endpoints.

Sravani: Integrate Google Maps and write ZIP-code lookup API.

Tharun: Design Admin dashboard schema/API for identifying duplicate listings.

Week 5 (24th March – 28th March):

Venkat: Connect “Add Restaurant” form to backend, enable photo uploads.

Dinesh: Extend search APIs with date, time, capacity filters.

Sravani: Build dynamic Review submission form with client-side validation.

Tharun: Designed Admin dashboard UI & APIs for duplicate detection.

Week 6 (31st March – 4th April):

Venkat: Implement Edit/Delete Restaurant endpoints in the backend.

Dinesh: Integrate new filters into search service & controllers.

Sravani: Finalize Review create/read APIs.

Tharun: Add role-based JWT guards for Admin, Owner, Customer flows.

Week 7 (7 April – 11 April):

Venkat: Build Edit/Delete Restaurant pages with validation.

Dinesh: Implement reviews & authentication into backend middleware.

Sravani: Connect Admin dashboard to backend data.

Tharun: Provide Owner listing, table-booking, and cancellation APIs.

Week 8 (14 April – 18 April):

Venkat: Enhance Add/Edit forms with real-time validation.

Dinesh: Add input validation for auth & search endpoints.

Sravani: Enable dynamic restaurant pages with ratings.

Tharun: Integrate Admin actions into frontend.

Week 9 (21 April – 25 April):

Venkat: Finalize Update Restaurant API & UI.

Dinesh: Complete search validation and edge-case handling.

Sravani: Integrate table-booking & cancellation APIs into UI.

Tharun: Build Analytical Dashboard widgets.

Week 10 (28 Apr – 2 May):

Venkat: Improve responsive design, enable multi-photo uploads.

Dinesh: Deploy backend on AWS (EC2 Auto-Scaling + Mongo Atlas).

Sravani: Polish Review UX and finalize app design.

Tharun: Fix all identified UI/UX issues.

Week 11 (5 May – 9 May):

Venkat: Test across breakpoints and browsers, address CSS glitches.

Dinesh: Prepare component diagrams.

Sravani: Deploy frontend to AWS S3 + CloudFront, draw deployment diagrams.

Tharun: Validate Backend deployment.