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Pathway: Becalos x TechnoReady.

Sprint: Sprint 4.

Title of the Challenge: Non-Relational Databases for Storing JSON
Data.

Backlog.

Table 1.

As a restaurant-goer, I want to search restaurants by cuisine, location, and ratings, so that I can find places that match my preferences.	Design database schema for restaurants, implement search endpoints, integrate filters in API
As a restaurant owner, I want to register my restaurant on the platform, so that potential customers can find and review it.	Design restaurant registration form, database insert endpoint, validation
As a system admin, I want to update restaurant information dynamically, so that the database remains accurate and users get current information.	Implement admin update endpoints, validation rules, ensure database consistency
As a developer, I want to import CSV data into MongoDB, so that I can populate the database efficiently.	Create scripts for CSV import, map CSV columns to MongoDB schema
As a project manager, I want to create database backups, so that the data is safe and recoverable.	Script for MongoDB backup, ensure backup file can be restored

Table 2. Prioritize List.

Requirenments	Stages	Time Estimation	Deliverables.
Design database schema for restaurants, implement search endpoints, integrate filters in API	1	2 weeks	MongoDB collections created with indexes
Design restaurant registration form, database insert endpoint, validation	2	3 weeks	Endpoint functional, validation tested
Implement admin update endpoints, validation rules, ensure database consistency	2	2 weeks	Admin can update info via API
Create scripts for CSV import, map CSV columns to MongoDB schema	3	3 weeks	Scripts tested and working
Script for MongoDB backup, ensure backup file can be restored	3	2 weeks	Documentation complete and tested with Postman