

Backend Node Tasks

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May 2024

1 Tasks

1. Create an API for searching nearby locations based on the provided fields: name, latitude, and longitude. Develop a search API that returns nearby results based on either the name or location criteria.
2. Design and implement a role-based access control (RBAC) system where a super admin has full CRUD (Create, Read, Update, Delete) permissions for managing students, while sub-administrators are limited to only reading and creating students. The super admin can create, view, update, and delete student records, whereas sub-administrators can only view existing student records and create new ones. This system ensures proper access control and security, allowing each role to perform their designated tasks within the application. Also implement it using JWT tokens.
3. Implement file upload functionality to store files either in the server's filesystem or in cloud storage services like AWS S3. Develop a feature to link uploaded files with corresponding database records for efficient data management.
4. Develop an API for a system where teachers handle multiple sections and subjects and conduct quizzes consisting of multiple-choice questions (MCQs), written responses, and other question types. Your objective is to create endpoints for managing questions and quizzes, and tracking student answers alongside correct responses.