**Resources Table**

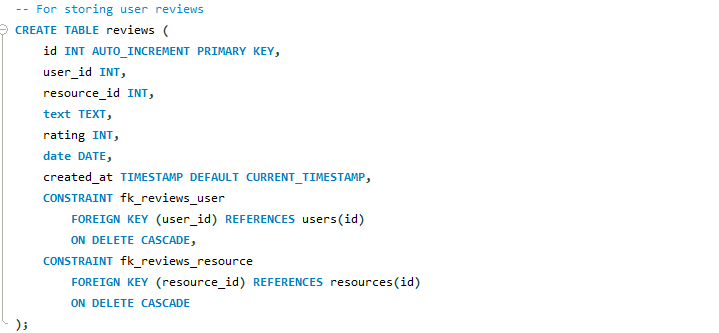
**Purpose**: Stores all learning materials and project entries available in the platform.

A computer code on a white background

AI-generated content may be incorrect.

**Reviews Table**

**Purpose**: Stores user feedback and ratings for resources.



**Saved Resources Table**

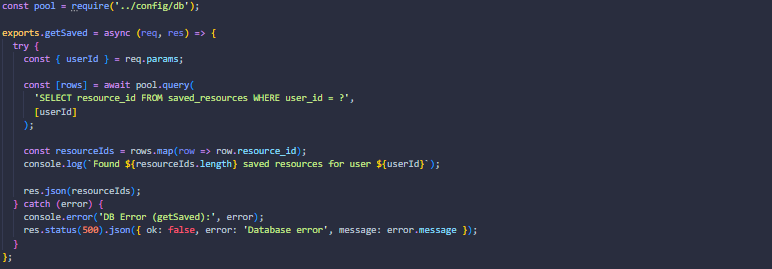
**Purpose**: Tracks which resources users have bookmarked/saved for later.

A computer code on a white background

AI-generated content may be incorrect.

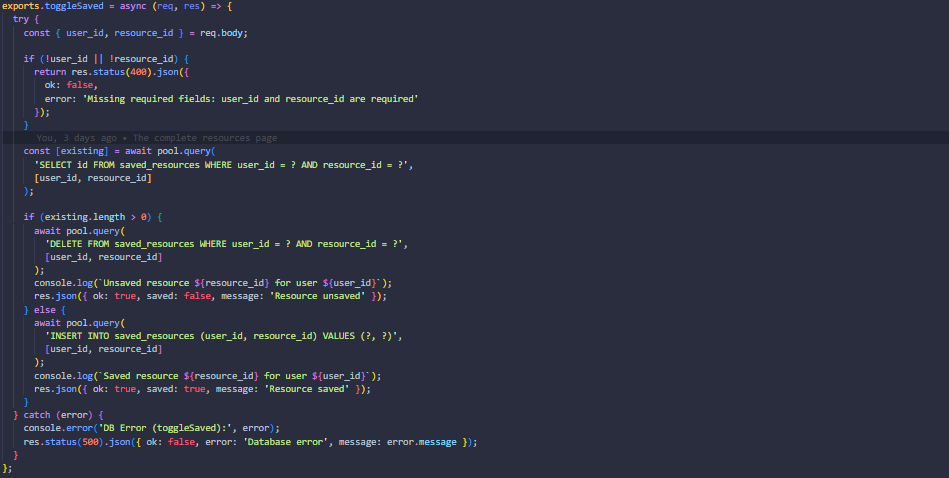
**getSaved (saved resources controller)**

**Purpose:** Retrieves all resources a user has saved/bookmarked.



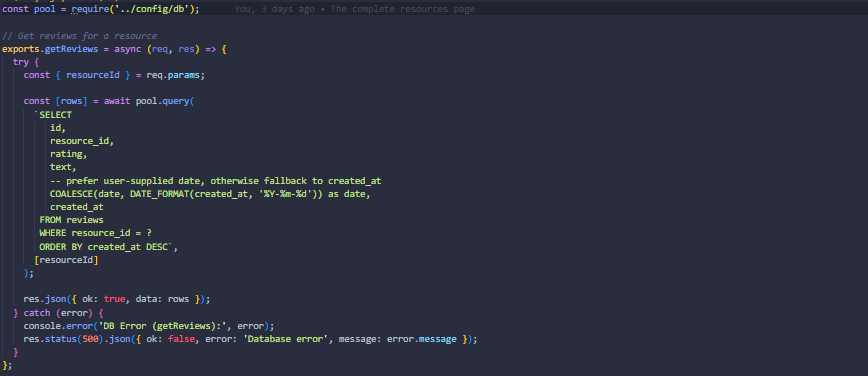
**toggleSaved (saved resources controller)**

**Purpose:** Toggles whether a resource is saved or unsaved for a user.

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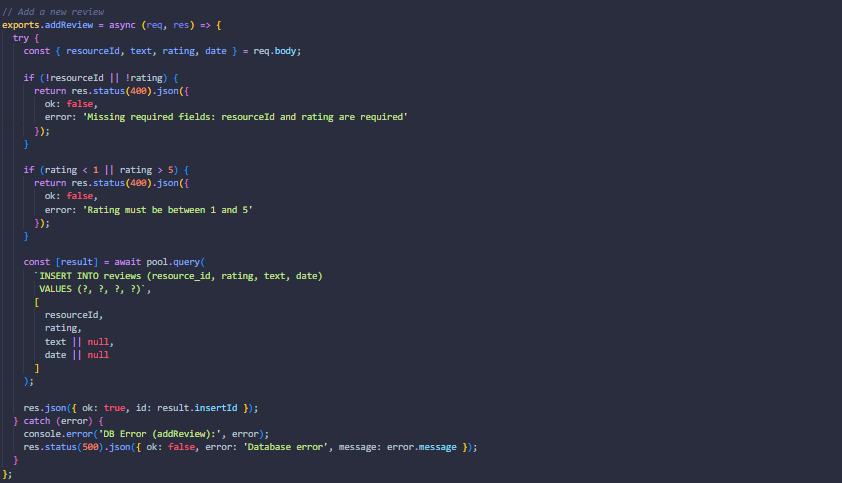
**getReviews (reviews controller)**

**Purpose:** Fetches all reviews for a given resource.

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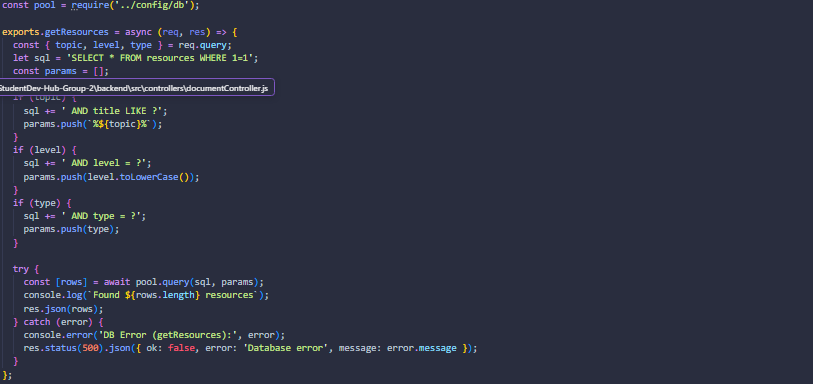
**addReview (reviews controller)**

**Purpose:** Adds a new review for a resource.

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**getResources (resources controller)**

**Purpose:** Retrieves resources with optional filters.

****

**createResource (resources controller)**

**Purpose:** Creates a new resource entry.

**A screenshot of a computer screen

AI-generated content may be incorrect.**

**File Upload (Multer config + upload handler)**

**Purpose:** Handles document uploads (PDF, Word, PowerPoint).

**A screenshot of a computer program

AI-generated content may be incorrect.**

**Database Pool (db.js)**

**Purpose:** Centralized MySQL connection pool.

**A screenshot of a computer

AI-generated content may be incorrect.**