

Open Directory of Places and Reviews

We need a REST API using **NestJS, MySQL, and MongoDB**, where any user can add and retrieve information about places of interest **without requiring authentication**. The application must manage two types of data: **structured information**, stored in **MySQL**, and **flexible, unstructured data**, managed in **MongoDB**.

In **MySQL**, the database should consist of multiple interconnected tables. The main table will be **places**, which must store a unique identifier, name, address, type of place (such as restaurant, park, museum, or café), operating hours, and a brief description. This table must be linked to a **categories** table to classify places into different sections and a **tags** table to associate multiple characteristics with each place. Additionally, we need a **media** table to register information about images or videos associated with each place, ensuring organized management of these resources **without relying on external storage**.

For **MongoDB**, unstructured data must be handled and organized into multiple collections. The **reviews** collection should store user comments and ratings about places, allowing **1 to 5-star ratings, text, and multimedia files in different formats**. There should also be a **questions and answers** collection, where users can ask questions about a place and others can respond, allowing open interactions within the system. Lastly, a **modification history** collection should record relevant changes to place information, making it easier to track updates and improvements over time.