

RESTAURANT RATING EXERCISE

Task

Practice Creating a Spring MVC App with Hibernate. This app displays a list of restaurants and ratings from the database.

Build Specifications

- Follow the MVC startup guide for creating an app that uses Hibernate.
- The app should only have one page, so it only needs one controller method and one JSP.
- It will also need an entity class and a DAO.
- You will have to create the database table, too. You can do it manually with MySQL Workbench or set **ddl-auto=update** in the application.properties to have Hibernate create it for you.
- The app should display a list of restaurants from the database. Each restaurant has a name and rating (number of upvotes). You should manually enter a few restaurants into the database so that your app will have something to show.

Extended Challenges

- Display the restaurants in order, with highest-ranked first.
- Add an “upvote” link/button to each restaurant. When clicked, the rating for that restaurant increases by one in the database then the listing page is redisplayed.
- Give the user the option of sorting by name or by rating. For example use a request parameter (?sortBy=rating or ?sortBy=name) and have two anchor tags, one for each URL+params.

