

TP12

Java DataBase Connection (JDBC)

Remarks:

- ✓ All validation errors are in form of Exceptions
- ✓ Use attached library to help in your implementation

TP12.1. Hotel listing

Create a menu containing items:

- List all hotels in a city: User need to choose country and then city to display the hotel list.
- Add new hotel: User need to choose country, then city, and input hotel name, cost, stars and detail information
- View detail information of a hotel
- Delete hotel by id

TP12.2. Country listing

Create a menu containing items:

- List all countries
- Add new country: User need to input country name
- Delete country by id

TP12.3. City listing

Create a menu containing items:

- List all cities: user need to choose a country before listing
- Add new city: User need to choose a country and input city name
- Delete city by id

TP12.4. Image listing

Create a menu containing items:

- List all images: user need to choose a country, cities, and hotel before listing
- Add new image: User need to choose a country, city, and input image path
- Delete image by id

TP12.5. Users listing

Create a menu containing items:

- List all users
- Add new user: User need to choose a role, input username and password (avatar is optional)
- Delete user by id

TP12.6. Role listing

Create a menu containing items:

- List all roles
- Add new role
- Update role by id

TP12.7. Main Menu – Put Them Together

Create a menu containing items:

- Hotel listing: link to 12.1 menu
- Country listing: link to 12.2 menu
- City listing: link to 12.3 menu
- Image listing: link to 12.4 menu
- Users listing: link to 12.5 menu
- Role listing: link to 12.6 menu
- Exit app

Note: add back option to point 1 to 6 for user to go back to main menu.

___SECTION BELOW IS BEGINNING OF CHALLENGE EXERCISES (+10% ABOVE THE TOTAL SCORES)___

TP12.CE.1. Login/Logout

Add option login/logout to main menu in point 12.7, then restrict INSERT, UPDATE, and DELETE operations for only admin role's user. Not login and Customer users are listing only, they can't make change to any record in database.

TP12.CE.2. Comments

Add option Comment to hoteling in point 12.1 to let Customer to add comment to a hotel. The comments will be shown while viewing detail information of a hotel.