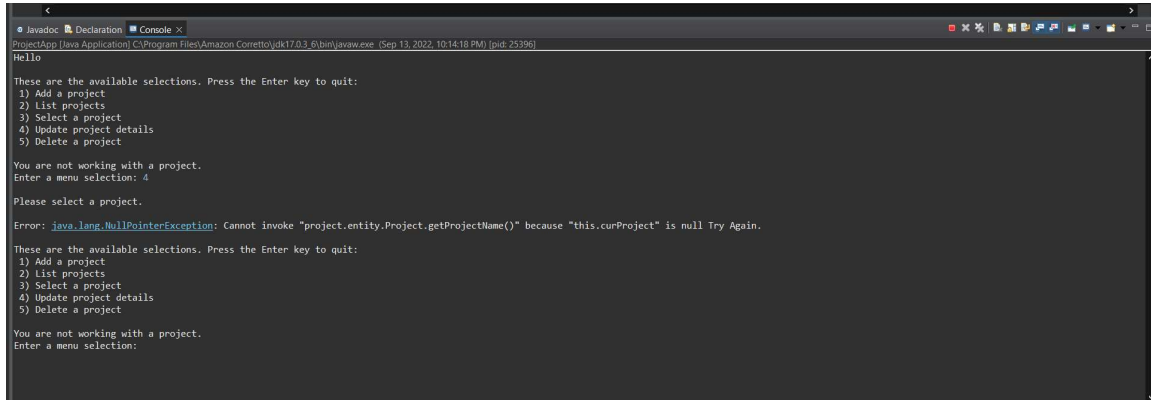


MySQL Week 5

First Screen Shot Showing Error Handling



```
ProjectApp [Java Application] C:\Program Files\Amazon Corretto\jdk17.0.3\bin\javaw.exe (Sep 13, 2022, 10:14:18 PM) [pid: 25396]
Hello

These are the available selections. Press the Enter key to quit:
1) Add a project
2) List projects
3) Select a project
4) Update project details
5) Delete a project

You are not working with a project.
Enter a menu selection: 4

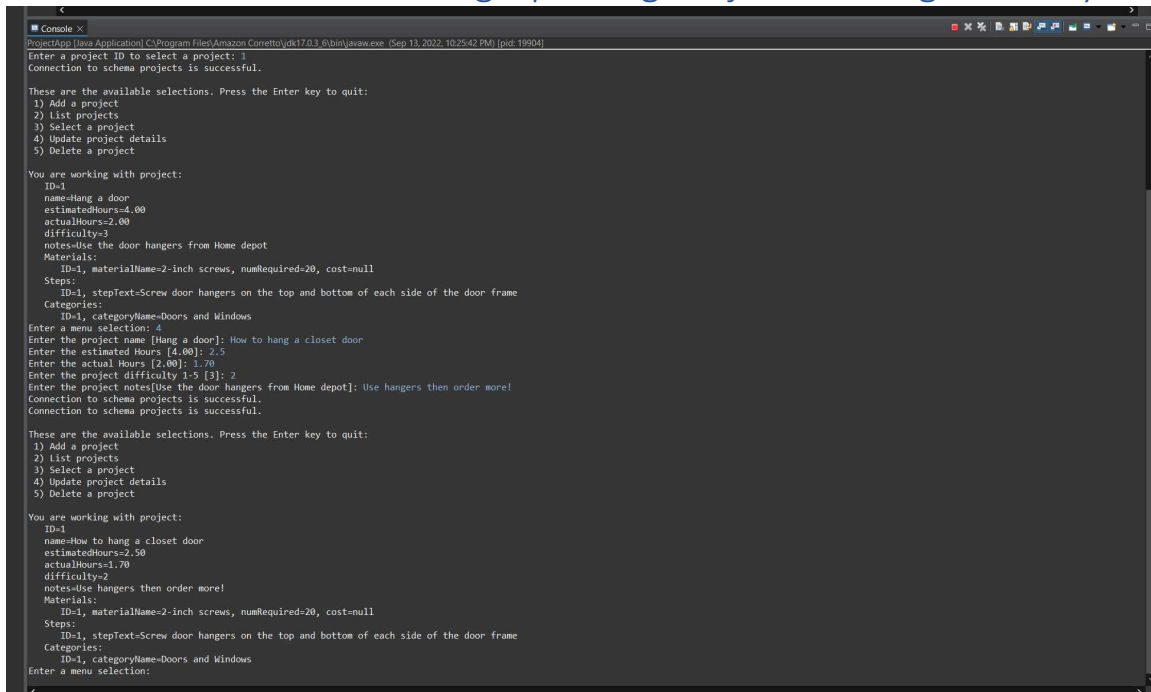
Please select a project.

Error: java.lang.NullPointerException: Cannot invoke "project.entity.Project.getProjectName()" because "this.curProject" is null Try Again.

These are the available selections. Press the Enter key to quit:
1) Add a project
2) List projects
3) Select a project
4) Update project details
5) Delete a project

You are not working with a project.
Enter a menu selection:
```

Second Screen Shot showing Updating Project working correctly



```
ProjectApp [Java Application] C:\Program Files\Amazon Corretto\jdk17.0.3\bin\javaw.exe (Sep 13, 2022, 10:25:42 PM) [pid: 19904]
Enter a project ID to select a project: 1
Connection to schema projects is successful.

These are the available selections. Press the Enter key to quit:
1) Add a project
2) List projects
3) Select a project
4) Update project details
5) Delete a project

You are working with project:
ID=1
name=Hang a door
estimatedHours=4.00
actualHours=2.00
difficulty=3
notes=Use the door hangers from Home depot
Materials:
ID=1, materialName=2-inch screws, numRequired=20, cost=null
Steps:
ID=1, stepText=Screw door hangers on the top and bottom of each side of the door frame
Categories:
ID=1, categoryName=Doors and Windows
Enter a menu selection: 4
Enter the project name [Hang a door]: How to hang a closet door
Enter the estimated Hours [4.00]: 2.5
Enter the actual Hours [2.00]: 1.70
Enter the project difficulty 1-5 [3]: 2
Enter the project notes[Use the door hangers from Home depot]: Use hangers then order more!
Connection to schema projects is successful.

These are the available selections. Press the Enter key to quit:
1) Add a project
2) List projects
3) Select a project
4) Update project details
5) Delete a project

You are working with project:
ID=1
name=How to hang a closet door
estimatedHours=2.50
actualHours=1.70
difficulty=2
notes=use hangers then order more!
Materials:
ID=1, materialName=2-inch screws, numRequired=20, cost=null
Steps:
ID=1, stepText=Screw door hangers on the top and bottom of each side of the door frame
Categories:
ID=1, categoryName=Doors and Windows
Enter a menu selection:
```

Third Screen Shot showing Invalid project number error handling

```
ProjectApp [Java Application] C:\Program Files\Amazon Corretto\jdk17.0.3\bin\java.exe (Sep 13, 2022, 10:47:56 PM) [pid: 10568]
Hello

These are the available selections. Press the Enter key to quit:
1) Add a project
2) List projects
3) Select a project
4) Update project details
5) Delete a project

You are not working with a project.
Enter a menu selection: 5
Connection to schema projects is successful.

Projects:
1: How to hang a closet door
2: Install light
Enter the ID of the project to delete: 3
Connection to schema projects is successful.

Error: project.exception.DbException: Project with ID= 3 does not exist. Try Again.

These are the available selections. Press the Enter key to quit:
1) Add a project
2) List projects
3) Select a project
4) Update project details
5) Delete a project

You are not working with a project.
Enter a menu selection:
```

Fourth Screen Shot showing deleting Porject from database.

```
ProjectApp [Java Application] C:\Program Files\Amazon Corretto\jdk17.0.3\bin\java.exe (Sep 13, 2022, 11:13:15 PM) [pid: 10133]
Hello

These are the available selections. Press the Enter key to quit:
1) Add a project
2) List projects
3) Select a project
4) Update project details
5) Delete a project

You are not working with a project.
Enter a menu selection: 5
Connection to schema projects is successful.

Projects:
1: Hang a door
2: Install a light bulb
Enter the ID of the project to delete: 1
Connection to schema projects is successful.

Error: project.exception.DbException: java.sql.SQLException: Cannot delete or update a parent row: a foreign key constraint fails ('projects', 'material', CONSTRAINT 'material_info_1' FOREIGN KEY ('project_id') REFERENCES 'project' ('project_id')) Try Ag

These are the available selections. Press the Enter key to quit:
1) Add a project
2) List projects
3) Select a project
4) Update project details
5) Delete a project

You are not working with a project.
Enter a menu selection:
```

Since I have submitted this late I decided to at least submit something instead of putting more time away from submitting. The error I believe is within the way my database tables are being created and I have sent the screen shots of this error and my project_schema file in Slack. If I can get an extenstion I would apperciate it a lot! Thank you in advanced! I will make sure to upload the working files to recive a better grade as well.

Github Repo Link:

<https://github.com/Joeltalics/Promineo-Tech-HWs/tree/main/Week11/src/main/java>