

Github url: <https://github.com/Hughes405/Week-11-Coding-Assignment.git>

Screenshots of required functionality:

```
javaw -cp .\bin\*.jar -Djava.class.path=. C:\Users\pengui\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220805-1047\re\bin\javaw.exe (Sep 16, 2022, 2:44:05 PM) [pid: 14164]
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

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

Error: java.lang.NullPointerException: Cannot invoke "projects.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

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

First half of screenshot 2:

```
javaw -cp .\bin\*.jar -Djava.class.path=. C:\Users\pengui\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220805-1047\re\bin\javaw.exe (Sep 16, 2022, 3:51:42 PM) [pid: 21180]
You are working with project:
ID=3
name=Remodel the guest bathroom
estimatedHours=50.00
actualHours=40.00
difficulty=4
notes=Need to take down the wallpaper, re-texture, and re-tile
Materials:
ID=6, materialName=Wall mud, numRequired=1, cost=null
Steps:
ID=3, stepText=Remove the old wallpaper
ID=6, stepText=Retexture with walmud
Categories:
ID=3, categoryName=Bathrooms
Enter a menu selection: 4
You are working with project:
ID=3
name=Remodel the guest bathroom
estimatedHours=50.00
actualHours=40.00
difficulty=4
notes=Need to take down the wallpaper, re-texture, and re-tile
Materials:
ID=6, materialName=Wall mud, numRequired=1, cost=null
Steps:
ID=3, stepText=Remove the old wallpaper
ID=6, stepText=Retexture with walmud
Categories:
ID=3, categoryName=Bathrooms
Enter the project name [Remodel the guest bathroom]: Remodel both bathrooms
Enter project difficulty(1-5) [4]: 5
Enter estimated hours for project [50.00]: 100
Enter actual hours for project [40.00]: 75
Enter project notes [Need to take down the wallpaper, re-texture, and re-tile]: Need to remove wallpaper, re-texture, and replace toilets
Connecting with url =jdbc:mysql://localhost:3306/projects?user=projects&password=projects&useSSL=false
Successfully obtained a connection!Connecting with url =jdbc:mysql://localhost:3306/projects?user=projects&password=projects&useSSL=false
Successfully obtained a connection!
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
```

Second half of screenshot 2:

```
notes=Need to take down the wallpaper, re-texture, and re-tile
Materials:
ID=6, materialName=Wall mud, numRequired=1, cost=null
Steps:
ID=3, stepText=Remove the old wallpaper
ID=6, stepText=Retexture with walmud
Categories:
ID=3, categoryName=Bathrooms
Enter the project name [Remodel the guest bathroom]: Remodel both bathrooms
Enter project difficulty(1-5) [4]: 5
Enter estimated hours for project [50.00]: 100
Enter actual hours for project [40.00]: 75
Enter project notes [Need to take down the wallpaper, re-texture, and re-tile]: Need to remove wallpaper, re-texture, and replace toilets
Connecting with url =jdbc:mysql://localhost:3306/projects?user=projects&password=projects&useSSL=false
Successfully obtained a connection!Connecting with url =jdbc:mysql://localhost:3306/projects?user=projects&password=projects&useSSL=false
Successfully obtained a connection!
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=3
name=Remodel both bathrooms
estimatedHours=100.00
actualHours=75.00
difficulty=5
notes=Need to remove wallpaper, re-texture, and replace toilets
Materials:
ID=6, materialName=Wall mud, numRequired=1, cost=null
Steps:
ID=3, stepText=Remove the old wallpaper
ID=6, stepText=Retexture with walmud
Categories:
ID=3, categoryName=Bathrooms
Enter a menu selection:

Exiting the menu. Goodbye!!
```

```
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
Connecting with url =jdbc:mysql://localhost:3306/projects?user=projects&password=projects&useSSL=false
Successfully obtained a connection!
Projects:
2: Get a new doorknob for the bedroom
1: Hang new kitchen and living room door
4: Paint the shed
3: Remodel the guest bathroom
Enter the ID of the project to delete: : 5
Connecting with url =jdbc:mysql://localhost:3306/projects?user=projects&password=projects&useSSL=false
Successfully obtained a connection!
Error: projects.exception.DbException: Project with ID=5 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:
```

```
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
Connecting with url =jdbc:mysql://localhost:3306/projects?user=projects&password=projects&useSSL=false
Successfully obtained a connection!
Projects:
2: Get a new doorknob for the bedroom
1: Hang new kitchen and living room door
4: Paint the shed
3: Remodel the guest bathroom
Enter the ID of the project to delete: : 4
Connecting with url =jdbc:mysql://localhost:3306/projects?user=projects&password=projects&useSSL=false
Successfully obtained a connection!Project: 4 was deleted

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: 2
Connecting with url =jdbc:mysql://localhost:3306/projects?user=projects&password=projects&useSSL=false
Successfully obtained a connection!
Projects:
2: Get a new doorknob for the bedroom
1: Hang new kitchen and living room door
3: Remodel the guest bathroom
```