

## Component Test Plan

*CQ#:*

|                                      |                  |                    |            |
|--------------------------------------|------------------|--------------------|------------|
| <b>Document Name</b>                 | UTP.doc          | <b>Version.Rev</b> | 1.0        |
| <b>Prepared By</b>                   | Sadhika,Sadhika  | <b>Date:</b>       | 10-26-2017 |
| <b>Reviewed By</b>                   | Development Team | <b>Date:</b>       | 10-26-2017 |
| <b>Test Plan Results Reviewed By</b> | Development Team | <b>Date:</b>       | 10-26-2017 |

### 1. Description of the assignment:

|                           |   |
|---------------------------|---|
| <b>CQ Request No.</b>     | TODO Application  |
| <b>Detail description</b> | TODO Application to insert, delete and to display pending and completed activities/tasks.   |
| <b>Technology Used</b>    | <ul style="list-style-type: none"><li>• Spring Boot 1.4.3.RELEASE</li><li>• Spring 4.3.5.RELEASE [transitively]</li><li>• Spring data JPA 1.10.6.RELEASE [transitively]</li><li>• Hibernate 5.0.11.Final [transitively]</li><li>• MySQL 6.3 CE</li><li>• AngularJS 1.5.8</li><li>• Maven 3.1</li><li>• JDK 1.8</li><li>• Eclipse MARS.2</li></ul> |

**2. Test Report:**

|                            |                   |
|----------------------------|-------------------|
| <b>Author</b>              | Sadhika,Sadhika   |
| <b>Tested By</b>           | Sadhika,Sadhika   |
| <b>Test execution date</b> | <b>10/26/2017</b> |

**3. Test Scenarios**

| S No. | Test Step Description   | Input Data (Reference)           | Expected Result  | Test Result           |       | Remarks               |
|-------|---|----------------------------------|--|-----------------------|-------|-----------------------|
|       |   |                                  |  | Pa<br>ss/<br>Fai<br>l | Cycle |                       |
| 1.    | 1. Start the application by clicking "Run as - Java Application" and select "SpringTODO App"<br>2. Enter an activity by entering "Activity Name" and "Status" of the activity | http://localhost:8080/TODOApp/#/ | Added data of the activity should be successfully inserted to the database and "List of activities" should display the added activity. And Message "Activity/Task added successfully" should be displayed. | Pa<br>ss              | 1     | Executed Successfully |
| 2.    | Try to add the same activity as in above  | http://localhost:8080/TODOApp/#/ | Error message "Error while creating User: Unable to create an activity/task with name "Activity name" already exist  | Pa<br>ss              | 1     | Executed Successfully |
| 3.    | Reset form and Click on "Edit button" and edit the above task. Update the activity name and click on "Update"   | http://localhost:8080/TODOApp/#/ | Message "Activity/Task updated successfully" should be displayed and activity name should have the updated name.   | Pa<br>ss              | 1     | Executed Successfully |
| 4.    | Complete the above task by clicking on "click to complete" button and click on  | http://localhost:8080/TODOApp/#/ | Message "Activity/Task updated successfully" should be displayed and status should be  | Pa<br>ss              | 1     | Executed Successfully |

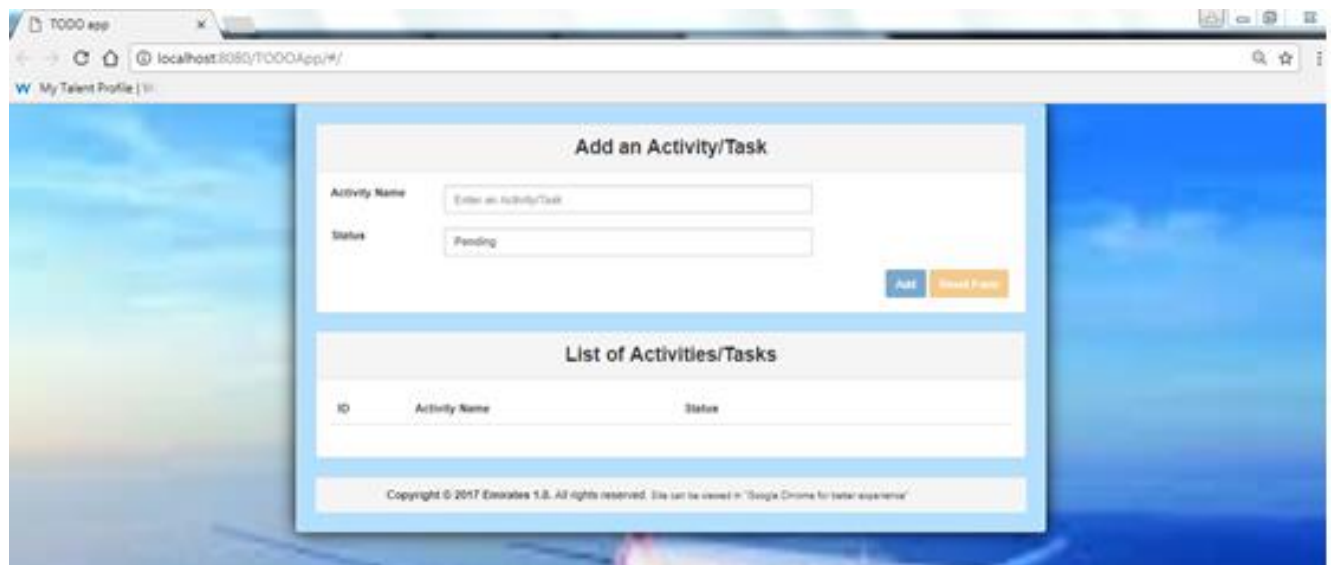
|    |   |                                  |  |          |   |                              |
|----|---|----------------------------------|--|----------|---|------------------------------|
|    | reset form  |                                  | changed to<br>"Completed" from<br>"Pending"  |          |   |                              |
| 5. | Remove then above completed task from list by clicking on "remove button" | http://localhost:8080/TODOApp/#/ | Task should be deleted and from the database and should not be displayed in "List of activities/tasks" | Pa<br>ss | 1 | Executed<br>Successf<br>ully |

### **Run the application**

Execute the todoDB.sql [MySQL] and let's run the application

Via Eclipse: Run it directly, in that case default profile will be used. In case you want a different profile to be used, create a Run configuration for you main class, specifying the profile. To do that from toolbar, select Run->Run Configurations->Arguments->VM Arguments. Add -Dspring.profiles.active=local or -Dspring.profiles.active=prod]

### **Case 1:**



### Add an Activity/Task

**Activity Name**

**Status**

### List of Activities/Tasks

| ID | Activity Name      | Status  |                                     |                                       |  |
|----|--------------------|---------|-------------------------------------|---------------------------------------|--|
| 1  | Visit Burj Khalifa | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 2  | Fly Emirates       | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 3  | Shopping           | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 4  | Certification      | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |

Add new task and click on add

### Add an Activity/Task

**Activity Name**

**Status**

### List of Activities/Tasks

| ID | Activity Name      | Status  |                                     |                                       |  |
|----|--------------------|---------|-------------------------------------|---------------------------------------|--|
| 1  | Visit Burj Khalifa | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 2  | Fly Emirates       | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 3  | Shopping           | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 4  | Certification      | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |

### Add an Activity/Task

Activity/Task successfully

**Activity Name**

**Status**

### List of Activities/Tasks

| ID | Activity Name      | Status  |                                     |                                       |  |
|----|--------------------|---------|-------------------------------------|---------------------------------------|--|
| 1  | Visit Burj Khalifa | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 2  | Fly Emirates       | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 3  | Shopping           | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 4  | Certification      | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 5  | Grocery            | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |

**Case 2:** Insert duplicate

### Add an Activity/Task

Error while creating activity: Unable to create. A activity/task with name Grocery already exist.

Activity Name

Status

[Add](#) [Reset Form](#)

### List of Activities/Tasks

| ID | Activity Name      | Status  |                      |                        |                                   |
|----|--------------------|---------|----------------------|------------------------|-----------------------------------|
| 1  | Visit Burj Khalifa | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |
| 2  | Fly Emirates       | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |
| 3  | Shopping           | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |
| 4  | Certification      | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |
| 5  | Grocery            | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |

**Case 3:** Edit the above task and click on update

### Add an Activity/Task

Activity Name

Status Pending

[Update](#) [Reset Form](#)

### List of Activities/Tasks

| ID | Activity Name      | Status  |                      |                        |                                   |
|----|--------------------|---------|----------------------|------------------------|-----------------------------------|
| 1  | Visit Burj Khalifa | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |
| 2  | Fly Emirates       | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |
| 3  | Shopping           | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |
| 4  | Certification      | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |
| 5  | Grocery            | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |

### Add an Activity/Task

Activity/Task updated successfully

Activity Name

Status

### List of Activities/Tasks

| ID | Activity Name      | Status  |                                     |                                       |  |
|----|--------------------|---------|-------------------------------------|---------------------------------------|--|
| 1  | Visit Burj Khalifa | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 2  | Fly Emirates       | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 3  | Shopping           | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 4  | Certification      | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 5  | Grocery Shop       | Pending | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |



Case 4 : Complete the above task by clicking on “click to complete”

### Add an Activity/Task

Activity/Task updated successfully

Activity Name

Status

### List of Activities/Tasks

| ID | Activity Name      | Status    |                                     |                                       |  |
|----|--------------------|-----------|-------------------------------------|---------------------------------------|--|
| 1  | Visit Burj Khalifa | Pending   | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 2  | Fly Emirates       | Pending   | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 3  | Shopping           | Pending   | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 4  | Certification      | Pending   | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 5  | Grocery Shop       | Completed | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |

**Case 5:** Reset the form Remove the above completed task

### Add an Activity/Task

**Activity Name**

**Status**

[Add](#) [Reset Form](#)

### List of Activities/Tasks

| ID | Activity Name      | Status  |                      |                        |                                   |
|----|--------------------|---------|----------------------|------------------------|-----------------------------------|
| 1  | Visit Burj Khalifa | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |
| 2  | Fly Emirates       | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |
| 3  | Shopping           | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |
| 4  | Certification      | Pending | <a href="#">Edit</a> | <a href="#">Remove</a> | <a href="#">Click to complete</a> |

**Displaying both pending and completed tasks**

### Add an Activity/Task

Activity Name

Status

### List of Activities/Tasks

| ID | Activity Name      | Status    |                                     |                                       |  |
|----|--------------------|-----------|-------------------------------------|---------------------------------------|--|
| 1  | Visit Burj Khalifa | Pending   | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 2  | Fly Emirates       | Pending   | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 3  | Shopping           | Completed | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |
| 4  | Certification      | Completed | <input type="button" value="Edit"/> | <input type="button" value="Remove"/> | <input type="button" value="Click to complete"/> |