

## Database & Client Server

**Name: Mohit**  
**B-TECH CS-SD**

**Intern ID: 190002**  
**Batch 2019-23**

## Project Activity– 2

## Milestone – 2

- 1. Perform the unit testing of the project and provide the snapshot for the same. This Unit testing could be done side by side at the time of implementations of different tasks, for which one person could be held responsible for the entire unit testing.**

**Ans.)**

- **Testing the project. Creating the lifecycle.**
- **Inserting to the tabs that is created and checking the data is inserted in the table also that is created in the database.**

[illegible]

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[illegible][illegible]

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The screenshot shows the 'PETS Lifecycle Template Management Tool' window. The 'Effort Categories' tab is active. On the left, a table lists existing categories:

Seq	Effort Category Name
1	artifacts

On the right, the 'Effort Category Name' is 'artifacts' and the 'Effort Category Description' is 'created the artifacts list'. The 'Effort Category Kind' is set to 'Artifacts'. Below these fields are buttons for 'Edit', 'Save', 'Add', and 'Clear the above Name and Description'. To the right of the description field is a section for 'Artifact options for this Effort Category' with a table:

Option Name
xyz

At the bottom right, there is a dropdown to 'Select an option to be added to the list', a button to 'Insert the option into the above list', and buttons for 'Move Up', 'Move Dn', and 'Delete'.

➤ Checking the tables in the database and reading the data.

```
mysql> select * from life_cycle;
+-----+-----+
| NAME | DESCRIPTION |
+-----+-----+
| abc  | it is able to save a b and c values. |
| Waterfall | Waterfall |
+-----+-----+
2 rows in set (0.07 sec)
```

```
mysql> select * from step;
+-----+-----+
| NAME | DESCRIPTION |
+-----+-----+
| aaa  | define the aaa differently |
| first | frst step |
+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> select * from conditions;
+-----+-----+
| NAME | DESCRIPTION |
+-----+-----+
| select | item should be selected |
+-----+-----+
1 row in set (0.07 sec)
```

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```
mysql> select * from defects;
+-----+-----+
| NAME | DESCRIPTION |
+-----+-----+
| task | task not be added |
+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from plans;
+-----+-----+
| NAME | DESCRIPTION |
+-----+-----+
| proceed | plan to proceed step by step |
+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from artifacts;
+-----+-----+
| NAME | DESCRIPTION |
+-----+-----+
| xyz | having the different values with different working |
+-----+-----+
1 row in set (0.00 sec)
```

➤ Updating the tabs and tables.

The screenshot displays the 'PETS Lifecycle Template Management Tool' window. The 'Life Cycles' tab is selected, showing a table with columns 'Seq' and 'Life Cycle Name'. The table contains one row with '1' and 'xyt'. To the right of the table are buttons for 'Edit', 'Save', 'Add', and 'Clear the above Name and Description'. The 'Life Cycle Name' field is set to 'xyt' and the 'Life Cycle Description' field contains the text 'go to the first of x then y and at the last x'. The 'Life cycle specific attributes' section is empty.

Seq	Life Cycle Name
1	xyt

Life Cycle Name:

Life Cycle Description:

Life cycle specific attributes

Buttons: Edit, Save, Add, Clear the above Name and Description

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[illegible]

```
mysql> select * from life_cycle;
```

NAME	DESCRIPTION
abc	it is able to save a b and c values.
Waterfall	Waterfall
xzt	go to the first of x then y and at the lasr x

```
3 rows in set (0.00 sec)
```

```
mysql> select * from life_cycle;
```

NAME	DESCRIPTION
abc	it is able to save a b and c values.
Waterfall	Waterfall
xyz	go to the first of x then y and at the lasr x
xzt	go to the first of x then y and at the lasr x

```
4 rows in set (0.07 sec)
```

```
mysql> select * from life_cycle;
```

NAME	DESCRIPTION
abc	it is able to save a b and c values.
Waterfall	Waterfall
xyt	go to the first of x then y and at the lasr x
xyz	go to the first of x then y and at the lasr x
xzt	go to the first of x then y and at the lasr x

```
5 rows in set (0.00 sec)
```

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➤ **Deleting the data:**

[illegible]

```
mysql> select * from life_cycle;
```

NAME	DESCRIPTION
abc	it is able to save a b and c values.
Waterfall	Waterfall
xyt	go to the first of x then y and at the lasr x
xyz	go to the first of x then y and at the lasr x
xzt	go to the first of x then y and at the lasr x

```
5 rows in set (0.10 sec)
```

- Deleted the data from the table with the help of the UI.

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PETS Lifecycle Template Management Tool

Life Cycles Steps Conditions Tasks Roles Effort Categories Artifacts Plans Interruptions Defects

### Life Cycles

Seq	Life Cycle Name
No content in table	

Life Cycle Name: xyz

Life Cycle Description: go to the first of x then y and at the lasr x

Life cycle specific attributes

Edit Save Add Add Add Add Clear the above Name and Description

Move Up Move Dn Delete