➢ **Overview**

The project name Learners Academy was divided in to 2 Sprints of 1 week each. And for each Sprint what we have done is shown below.

➢ **Sprint**

1st Sprint: -
1. Created prototype of table and website to see how it works.
2. Created java entity classes for each table using Hibernate.
3. Created tables in MySQL accordingly
4. Created Dao class for all bean classes which has all the methods to perform into website.
5. Connected Database with java using JDBC.

2nd Sprint: -
1. Created user login Dao class and login JSP to verify the login credentials.
2. Created JSP page for login success and home page.
3. Created JSP page for teacher and student page.
4. Created JSP page for class and subject page.
5. Add function in to all pages as required.
6. Added CSS to all JSP pages.

➢ **Operations available in project**

We have 7 Main operations that Admin can perform.
1. Login Validation
2. Adding new data into table from JSP
3. Editing old Data to the table from JSP
4. Deleting old Data from the table from JSP
5. Listing data from table to JSP
6. Validation of server
7. Logout validation

➢ **Code Module**

Project code has been divided into 3 classes

1. **Entity Class**
   Bean Class has been developed for all the table which has been defined in table.

2. <u>DAO Class</u>

This DAO class has been created for the purpose of developing methods to operate variables from entity class.

All DAO classes have been developed with 4 methods.

- showData
  - This method will perform to show data from table using servlet to JSP.
- addData
  - This method will perform to add data into table using servlet from JSP.
- deleteData
  - This method will perform to delete data from table using servlet via JSP.
- updateData
  - This method will perform to update data to table using servlet from JSP.

Each method comes with the task which is defined by Learners Academy.