

# **PROJECT: Developing a Backend Admin for Learner's Academy.**

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## **1.SPRINT LEARNING:**

The project is planned to be completed in 2 sprints.

Tasks assumed to be completed in the sprint are:

- Creating the flow of the application
- Initializing git repository to track changes as development progresses.
- Writing the Dynamic web project program to fulfill the requirements of the project.
- Testing the Dynamic web project program with different kinds of User input
- Pushing code to GitHub
- Creating this specification document highlighting application capabilities, appearance, and user interactions.

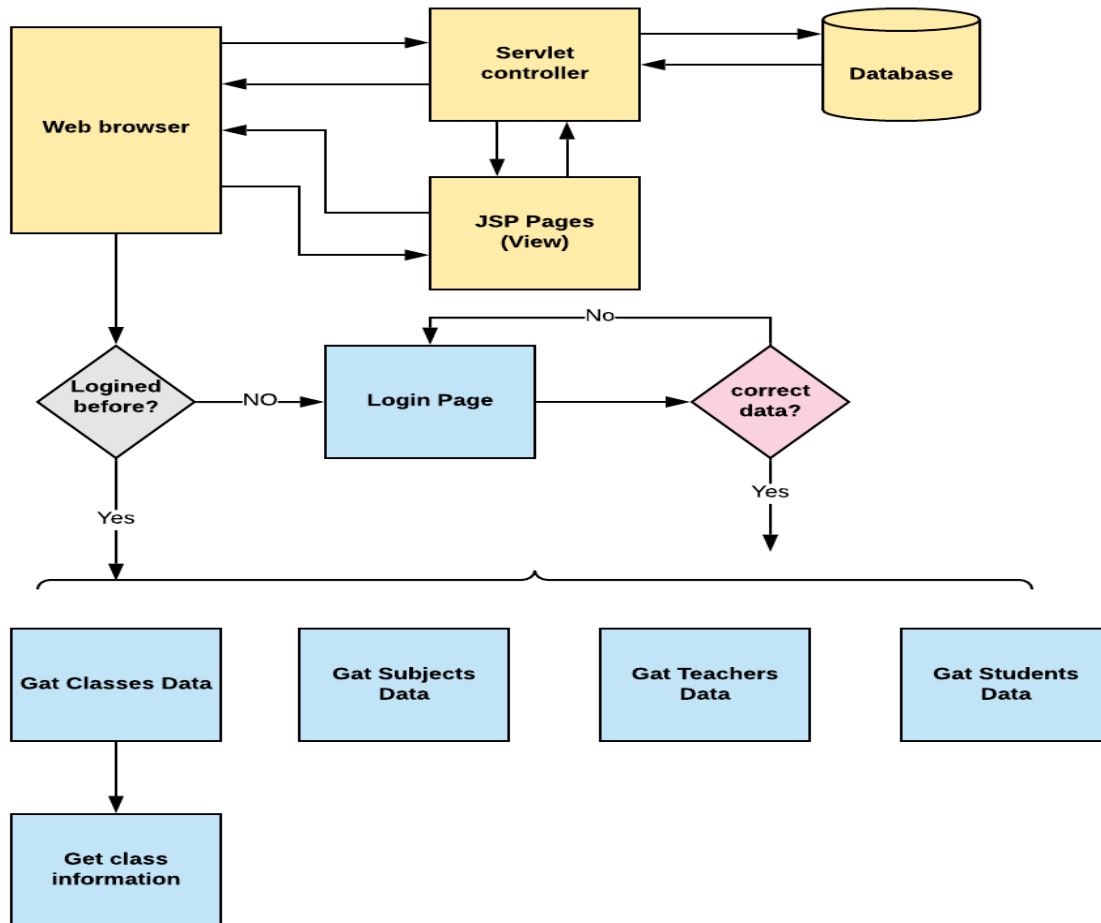
## **2.Project Description:**

- Set up a master list of all the subjects for all the classes.
- Set up a master list of all the teachers.
- Set up a master list of all the classes.
- Assign classes for subjects from the master list.

Assign teachers to a class for a subject (A teacher can be assigned to different classes for different subjects).

- Get a master list of students (Each student must be assigned to a single class)
- There will be an option to view a Class Report which will show all the information about the class, such as the list of students, subjects, and teachers.

### 3.Application Flow:



### 4.Core concepts used in project:

- Eclipse IDE to code for the application.
  - web pages, databases, and others
  - SQL: To create tables for admin, classes, students, and other specifics
  - Search and Sort techniques: Data structures used for the project
- Apache tomcat for run on server and designing html pages

### Conclusion:

- This project is designed for displaying the backend admin for learners academy.