Learner’s Academy

Sprint work and Project Specifications

Version History

|  |  |
| --- | --- |
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# **Objective (Synopsys)**

Learner’s Academy is a school that has an online management system. The system keeps track of its classes, subjects, students, and teachers. It has a back-office application with a single administrator login.

# Modules in the Project

* + Login
  + Home
  + Classes
  + Students
  + Teachers
  + Subjects
  + Logout

## Login

* Login Page is used to allow the user's to login on the website and application.
* Applications/Websites identifies the users with their username and password.
* Login Page takes user input and passes the data to server-side program. The authentication is done by server-side...

## Home

This menu choice will give us a snapshot of a Class (Select Class by using drop down) which will show all the information about the class, such as the list of students, subjects, and teachers

## Classes

This menu choice gives us a snapshot of a Available Class with Description which will show the information about the class and feature to add new Class.

## Students

This menu choice gives us a snapshot of list of Student details by class and feature to add new Student to any class.

## Teachers

This menu choice gives us a snapshot of list of Teachers with description and feature to add new Teachers.

## Subjects

This menu choice gives us a snapshot of list of Subjects with Teacher and Class description and feature to add new Subject to class with Teacher.

## Logout

This menu choice gives us facility to successfully logged out of the application.

# Java Technologies used

* + Exception Handling
  + Servlet
  + JSP
  + Hibernate
  + MySQL
  + Modular programming
  + Object oriented Programming
  + Collections
  + Control Structures
  + Data Structures

# Sprint wise Work

|  |  |
| --- | --- |
| Sprint Number | Modules developed |
| 1 | * Display all Menu * Add new Subjects, Teacher, Classes, Students |
| 2 | * Delete Subjects, Teacher, Classes, Students * Logout page, Signup page |
| 3 | * Testing Application * Deployment (Jar file) |

# Project GitHub Link:

|  |  |
| --- | --- |
| Repository Name | vivekranjan43 |
| GitHub Link | [vivekranjan43/JavaPrograms (github.com)](https://github.com/vivekranjan43/JavaPrograms) |

# Flow Chart:

Check Login credentials

Sign up new User

Failed

Passed

Displays Subjects and Teachers Details with Student by Class selection

Home Page with Menu Selection

Classes Page with Menu Selection

Displays Available Classes and feature to add new Class

Displays Teacher List and feature to add new Teacher

Displays Student details and feature to add new Students by class

Teachers Page with Menu Selection

Students Page with Menu Selection

Subjects Page with Menu Selection

Displays Subject List by Teacher with Class and feature to add new Subject by Teacher and Class

Logout Page with Menu Selection