Project Description:

We need to create a web application Student-Teacher portal where students and teachers can sign up. The application will have following features

Student Module

A student can sign up and give his personal information

A student can add courses on which they are looking for tutoring

A student should be able to search teachers by name, by course and location and by grade.

Students can rate or comment about teachers

Courses module:

New courses created

Teacher Module

A teacher can sign up and give his personal information

A Teacher can add courses on which teacher offer tutoring

A teacher should be able to find students by course and location and by grade.

Teacher can see his rating

Admin Panel

Enable or disable student and teachers

Reports highest rated teacher

Report of lowest rated teacher

What we will programing

**Technical Design**

The project will be based on spring MVC, hibernate, javascript, Jquery css and html5

The testing will be done using junit.

**Agile**

**Sprint: 1**

Story 1: A student can sign up and give his personal information

Design:

1. All the fields or attribute that you will capture
2. All the validations
3. Database design
4. Use cases

Student can sign up

No duplicate sign ups

Story 2: New courses created

1. All the fields or attribute that you will capture
2. All the validations
3. Database design
4. Use cases

Student can sign up

No duplicate sign ups

Implementation tips:

Spring legacy project

Spring MVC project