**Online Training Management System**

**Project Scope:**

To create an online training management system like Udemy where employees can login and learn from training programs. The application can be made either as Web Application, Mobile Application or Desktop Application. There are 2 entities Admin and User.

**Required Features:**

* Admin should be able to create and update training videos.
* Admin should be able to view statistics for how many courses enrolled, most taken course, etc.
* User should be able to login and browse through catalog.
* Provide search filters and sorting for courses.
* Details about the course and chapters should be provided to users.
* User should be able to enroll for the selected course.
* Track the progress of user like how many chapters completed, etc.
* Allow user to add a bookmark to a particular chapter.
* Create a good UI for good user experience.
* Plan a good architecture pattern for the project.
* Provide security for project.

**Suggested Stack:**

1. **JAVA Track:**

* Java 8
* Angular 6+
* Maven
* Spring Boot 2.x
* SpringREST
* Spring Data JPA
* Postman
* Oracle/Postgres
* JUnit 5/Mockito
* Sonarqube
* JACOCO

1. **.NET Track**

* C#
* Asp.net
* EntityFramework
* Angular 6+
* MSBuild, MSTest/NUnit,
* SQL/MySQL/Oracle/Postgres