System Requirements Specification Index

For

Learning Management System App

Version 1.0

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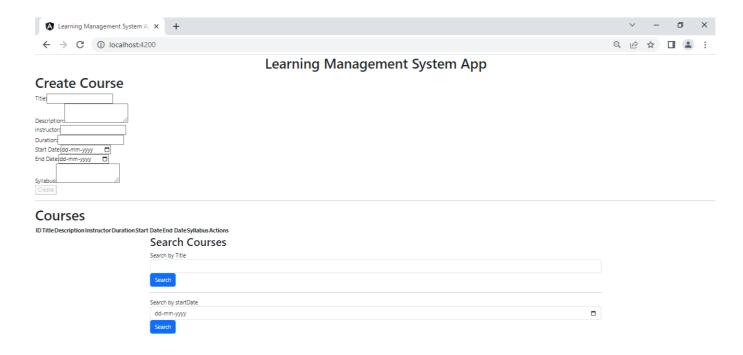
FRONTEND-ANGULAR SPA

1 PROBLEM STATEMENT

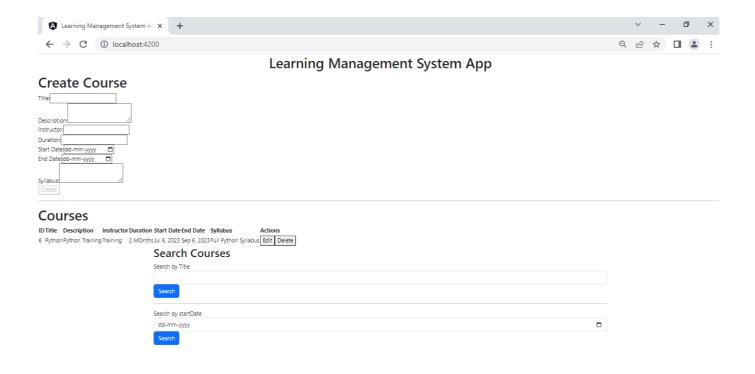
Learning Management System is SPA (Single Page Application), it allows to manage the courses with functionalities to create a new course, update an existing course, get detailed information, and search any particular course.

2. Proposed Learning Management System Management Wireframe

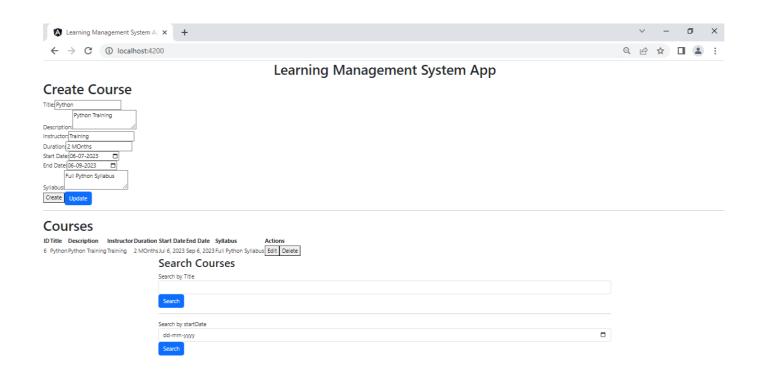
2. 1 Home page



AFTER ADDING THE COURSES:



ON CLICK UPDATE BUTTON:



3. Business-Requirement:

As an application developer, develop the Learning Management System App (Single Page App) with below guidelines:

User	User Story Name	User Story
Story #		
US_01	Home Page	As a user I should be able to visit the home page as default page, where I can see a form to create or update the course, list of all courses with options to edit and delete any course and in last two should be a form to search any course on its title or start date criteria.
US_01	Home Page	As a user I should be able to see the homepage and perform all operations:
		Acceptance criteria:
		 As a user I should be able to furnish following details at the time of creating course.
		1.1 Title
		1.2 Description
		1.3 Instructor
		1.4 Duration
		1.5 Start date
		1.6 End date
		1.7 Syllabus
		2. Create button should be disabled until all fields are validated.
		Update button should be displayed when you click on Edit button.
		 Title, Description, Instructor, Duration, Start date fields are mandatory. If any of these filed is missing or if any constraint is not satisfied then must show a message.
		5. Form control names should be case sensitive and they should be like as follows:
		title
		description
		instructor
		duration
		startDate

	endDate
	syllabus

4. EXECUTION STEPS TO FOLLOW FOR FRONTEND

- 1. All actions like build, compile, running application, running test cases will be through Command Terminal.
- To open the command terminal the test takers, need to go to
 Application menu (Three horizontal lines at left top) -> Terminal ->New Terminal.
- 3. This is a web-based application, to run the application on a browser, use the internal browser in the environment.
- 4. You can follow series of command to setup Angular environment once you are in your project-name folder:
 - a. npm install -> Will install all dependencies -> takes 10 to 15 min
 - b. npm run start -> To compile and deploy the project in browser. You can press <Ctrl>
 key while clicking on localhost:4200 to open project in browser -> takes 2 to 3 min
 - c. npm run test -> to run all test cases. It is mandatory to run this command before

submission of workspace -> takes 5 to 6 min

5. You need to use CTRL+Shift+B - command compulsorily on code IDE, before final submission as well. This will push or save the updated contents in the internal git/repository, and will be used to evaluate the code quality.