[Course View Details]

Technical Document

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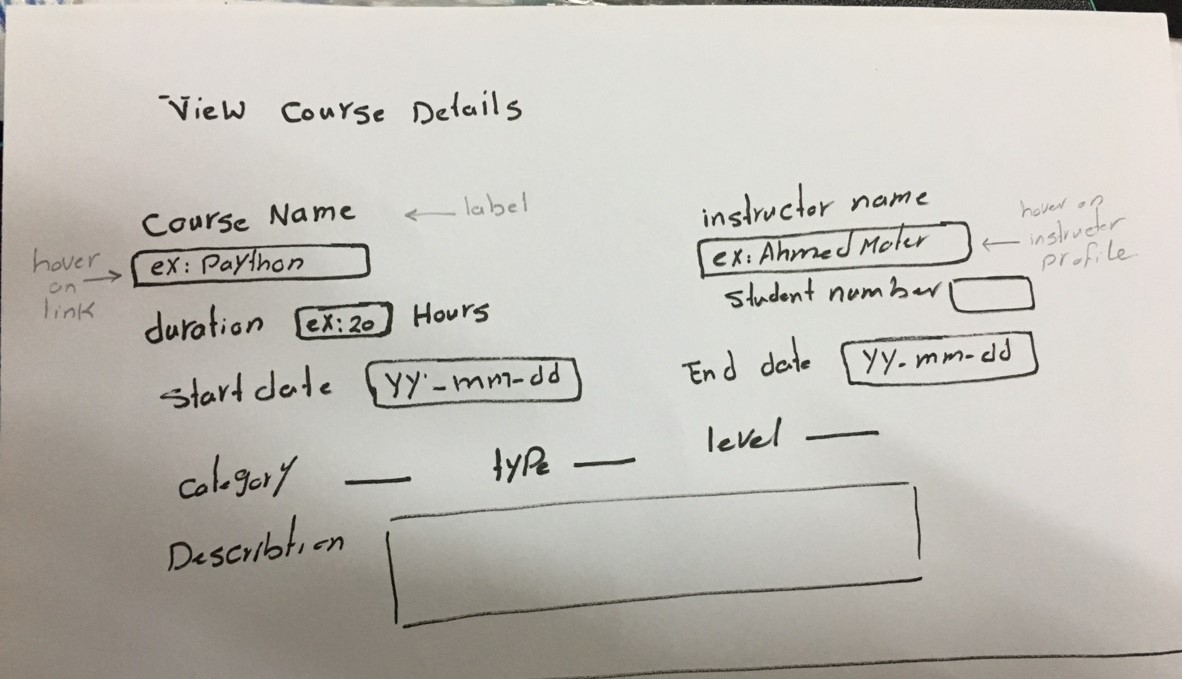
# [Task Name]

Refer to: [Taiga URL]

## Description

Write the Task Description Here

## Mockup screen:



## Angular & Spring Models

|  |  |  |  |
| --- | --- | --- | --- |
| **New** | **Class Name** | CourseVTO | |
| **Angular Path** | | app/modules/course/shared/data/course-vto.data.ts | |
| **Spring Path** | | model/course/CourseVTO.java | |
| **Fields** | | | |
| **Attribute** | | **Angular Data Type** | **Spring Data Type** |
| corCategory | | String | String |
| corType | | String | String |
| corLevel | | String | String |
| instructorName | | string | String |
| studentNum | | number | Int |
| courseName | | String | String |
| duration | | number | Int |
| startDate | | Date | Date |
| endDate | | Date | Date |
| description | | String | String |

|  |  |  |
| --- | --- | --- |
| **New** | **Class Name** | |
| **Spring Path** | | model\ course \rm\CourseVtoRM.java | |
| **Fields** | | | |

## Angular Component

|  |  |  |
| --- | --- | --- |
| **New** | **Class Name** | ViewCourseComponent |
| **Path** | | modules\course\components\course\view-course |

|  |  |  |
| --- | --- | --- |
| **New** | **Class Name** | CourseService |
| **Path** | | modules\course\shared\course.service.ts |
| **Function** | | viewCourse(corID) |

## Rest Services

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **New** | **Name** | | api/course/{corID} | | | **Method** | GET |
| **Controller** | | | CourseRes | | | **Function** | viewCourse(corID) |
| **REST Parameter** | | | | | | | |
| **Attribute** | | **Parameter Type** | | **Data Type** | **Description** | | |
| N/A | | Path Parameter | | N/A |  | | |

## Flow Services:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **New** | **Class Name** | CourseSer | **Function** | getCourse(corID) |
| **Description** | | View Course Details | | |
| **Steps** | | | | |

## Repository Functions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **New** | **Class Name** | CourseRep | **Type** | Select SQL |
| **Function** | | findByID (corID) | | |
| **Query** | | | | |
| USE sms ;  SELECT c.cor\_name , c.duration , c.start\_date, c.end\_date, concat(u.first\_name,u.last\_name)  as Instructor\_Name, c.description ,COALESCE(t.cat\_count, 0) AS student\_number , g.label\_en cor\_category ,  cor\_t.label\_en cor\_type , l.label\_en cor\_level  FROM course c  lEFT JOIN auth\_user u ON c.instructor\_id = u.id  lEFT JOIN cor\_category g ON c.category\_id = g.id  lEFT JOIN cor\_type cor\_t ON c.type\_id = cor\_t.id  lEFT JOIN cor\_level l ON c.level\_id = l.id  LEFT JOIN  (  SELECT cor\_id , COUNT(\*) AS cat\_count  FROM course\_std  GROUP BY cor\_id  ) t ON c.id = t.cor\_id  WHERE c.id = ? ; | | | | |