[View Grades For Student]

Technical Document

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# Table of Contents

[Table of Contents 1](#_Toc928258)

[[Task Name] 2](#_Toc928259)

[Description 2](#_Toc928260)

[1.1 Mockup screen: 2](#_Toc928261)

[1.2 Angular & Spring Models 3](#_Toc928262)

[1.3 Angular Component 3](#_Toc928263)

[1.4 Rest Services 3](#_Toc928264)

[1.5 Repository Functions 4](#_Toc928266)

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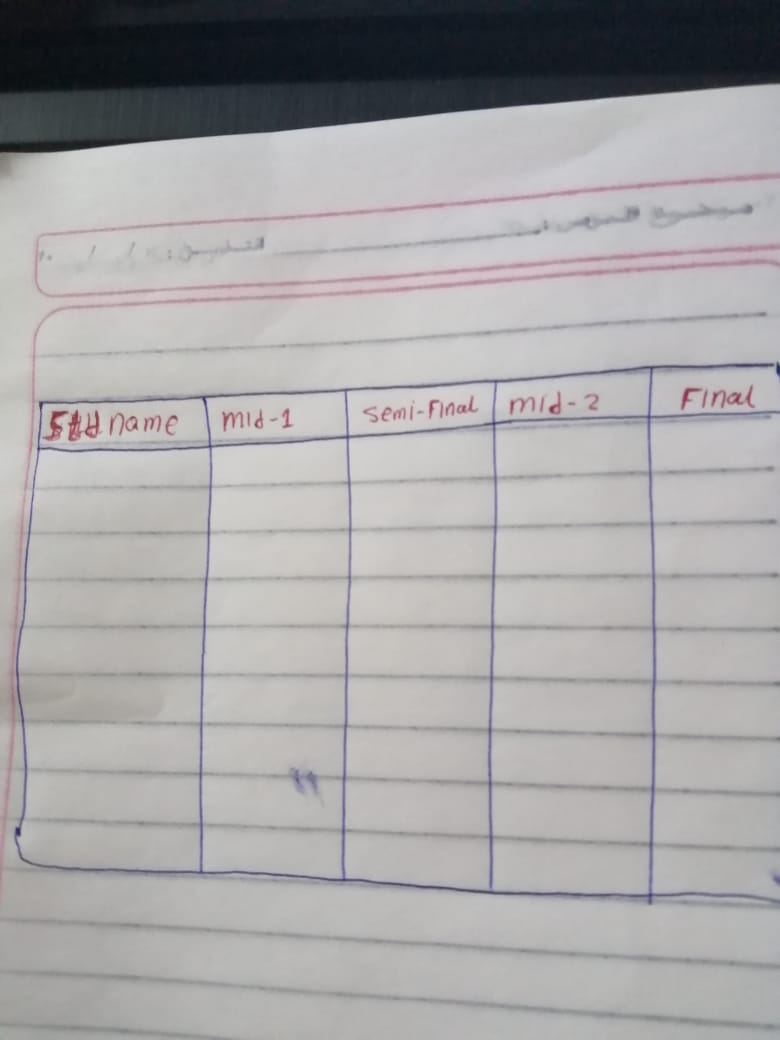
# [Task Name]

Refer to: [Taiga URL]

## Description

View all student grade for instructor .

## Mockup screen:



## Angular & Spring Models

|  |  |  |  |
| --- | --- | --- | --- |
| **New** | **Class Name** | StdDTO | |
| **Angular Path** | | app/modules/course/shared/data/std-dto.data.ts | |
| **Spring Path** | | model/course/StdDTO | |
| **Fields** | | | |
| **Attribute** | | **Angular Data Type** | **Spring Data Type** |
| fullName | | String | String |
| midTermOne | | Number | int |
| semiFinal | | Number | int |
| midTermTwo | | Number | int |
| final | | Number | int |

|  |  |  |  |
| --- | --- | --- | --- |
| **New** | **Class Name** | | CourseGradesRM |
| **Spring Path** | | model/course/rm/CourseGradesRM | |
| **Fields** | | | |

## Angular Component

|  |  |  |
| --- | --- | --- |
| **New** | **Class Name** | ViewCourseGrades |
| **Path** | | app/modules/course/components/grade/view-grade.component.[ts/html] |

|  |  |  |
| --- | --- | --- |
| **New** | **Class Name** | CourseService |
| **Path** | | app/modules/course/shared/course.service.ts |
| **Function** | | getStudentGrades(courseID: number , studentID : number) |

## Rest Services

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **New** | **Name** | | api/course/{courseID}/grade/  {studentID} | | | **Method** | GET |
| **Controller** | | | CourseRes | | | **Function** | getStudentGrades (courseID,studentID) |
| **REST Parameter** | | | | | | | |
| **Attribute** | | **Parameter Type** | | **Data Type** | **Description** | | |
| courseID | | Path Parameter | | int |  | | |
| studentID | | Path Parameter | | int |  | | |

## Repository Functions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **New** | **Class Name** | GradeRep | **Type** | select SQL |
| **Function** | | findStudentGrades (int stdID , int courseID ) | | |
| **Query** | | | | |
| SELECT std.first\_name , std.last\_name,std.id, cor.mid\_1\_grd, cor.semi\_final\_grd, cor.mid\_2\_grd, cor.final\_grd  FROM course\_std cor  LEFT JOIN auth\_user std ON std.id = cor.std\_id  WHERE std.id = ?  AND cor\_id = ? | | | | |