

Object Orientated Programming

Mid Term Project Detailed Requirements

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| --- | --- |
| Registration Number | 2020-CS-97 |
| Student Name | Momina Ghauri |
| Project Name | Rubric Based Evaluation |
| Project Description | This Project is based on the evaluation system of the Student. Student will be evaluated on the basis of the CLO’S and the Rubrics level. Rubrics Level will be used to show the status and Obtained Marks of the Student in the Table. And all the results of the Students will be saved in the excel file. While the Student Data will be saved in the PDF file. First of all, the user will choose if he is using he admin or teacher’s login portal. On the basis of the login portal the actions will be performed. The admin is used to add/ Delete the student, Add/ Delete the clos and Rubrics. The rubric level is arranged by the admin. Teacher is only given access to, manipulate student on the basis of CLO and rubrics level. Rubrics level will be given according to the performance of the student. |
| Actors of the System | * Teacher * Administrator |

**Use Case # 1**

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Add Student | | |
| Primary Actor | Administrator | | |
| List of Fields on screen | Field Name | Component | Validation |
| First Name | Text Box | Check if all the characters are alphabets |
| Last Name | Text Box | check if all are alphabets |
| Reg No. | Text Box | Check if it contains – and numbers at specified indexes |
|  | Department | Text Box | Check if all are alphabets |
| How To Access the use case | Login> Admin > Manage Student > Add Student | | |
| On Success Return to Screen | Data will be added to the table | | |
| Screen Design |  | | |
| Buttons | **Add, Export to Excel, Import from excel, Delete** 1. Add button is used to add the data from fields into the table 2. Export to Excel button is used to save the data in table into an excel sheet. 3. Import from excel is used to vied the saved data into the table. | | |
| Action on Button :  Export to Excel |  | | |
| Action on Button :  Import from Excel |  | | |
| Action on Button :  Delete | You select the desired row to delete the record it will also be deleted from the list where the record is being added. | | |

**Use Case # 2**

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Manage Clos | | |
| Primary Actor | Administrator | | |
| List of Fields on screen | Field Name | Component | Validation |
| Rubric1 rubric level Rubric2 rubric Level Rubric3 rubric Level | Text field  Text field  Text field  Text field  Text field  Text field | None  None  None  None  None  None |
| How To Access the use case | Login> Admin > Manage CLOS | | |
| On Success Return to Screen | It will return to main screen. | | |
| Screen Design |  | | |
| Add Rubrics Button | Add rubrics button is used to add the rubrics to the table | | |
| Save To Excel Button | The rubrics when added can be save to the excel file | | |
| Import from Excel  Button | The saved rubrics in excel file can also be viewed from the excel file into the table | | |

**\*This will work same for the three CLOS and three excel files will be created separately.**

**Use Case # 3**

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Manage Assessments | | |
| Primary Actor | Teacher | | |
| List of Fields on screen | Field Name | Component | Validation |
| Assessment no. Question # CLOS Rubrics Rubric Level | Text Field  Text Field  Combo Box  Text Field  Text Field | None  None  None  None  None |
| How To Access the use case | Login> Teacher > Manage Assessments | | |
| On Success Return to Screen | Returns to the main screen. | | |
| Screen Design |  | | |
| Add Button | The add button is used to add the rubrics into the list. | | |
| Reset Button | This is used to make the fields null to write more data and save time | | |

**Use Case # 4**

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | View Result | | |
| Primary Actor | Teacher | | |
| List of Fields on screen | Field Name | Component | Validation |
| CLO1,2,3 | Check Box | none |
| How To Access the use case | Login> Admin > Manage CLO >View Result | | |
| On Success Return to Screen | To the main screen | | |
| Screen Design |  | | |
| Save to Excel | This is used t save the data to the excel file. | | |

**Files**

|  |  |
| --- | --- |
| **Type** | Excel File |
| **Data format** | Jtable data into excel |
| **Data to be saved** | Student data, rubrics and result will be saved in excel file |