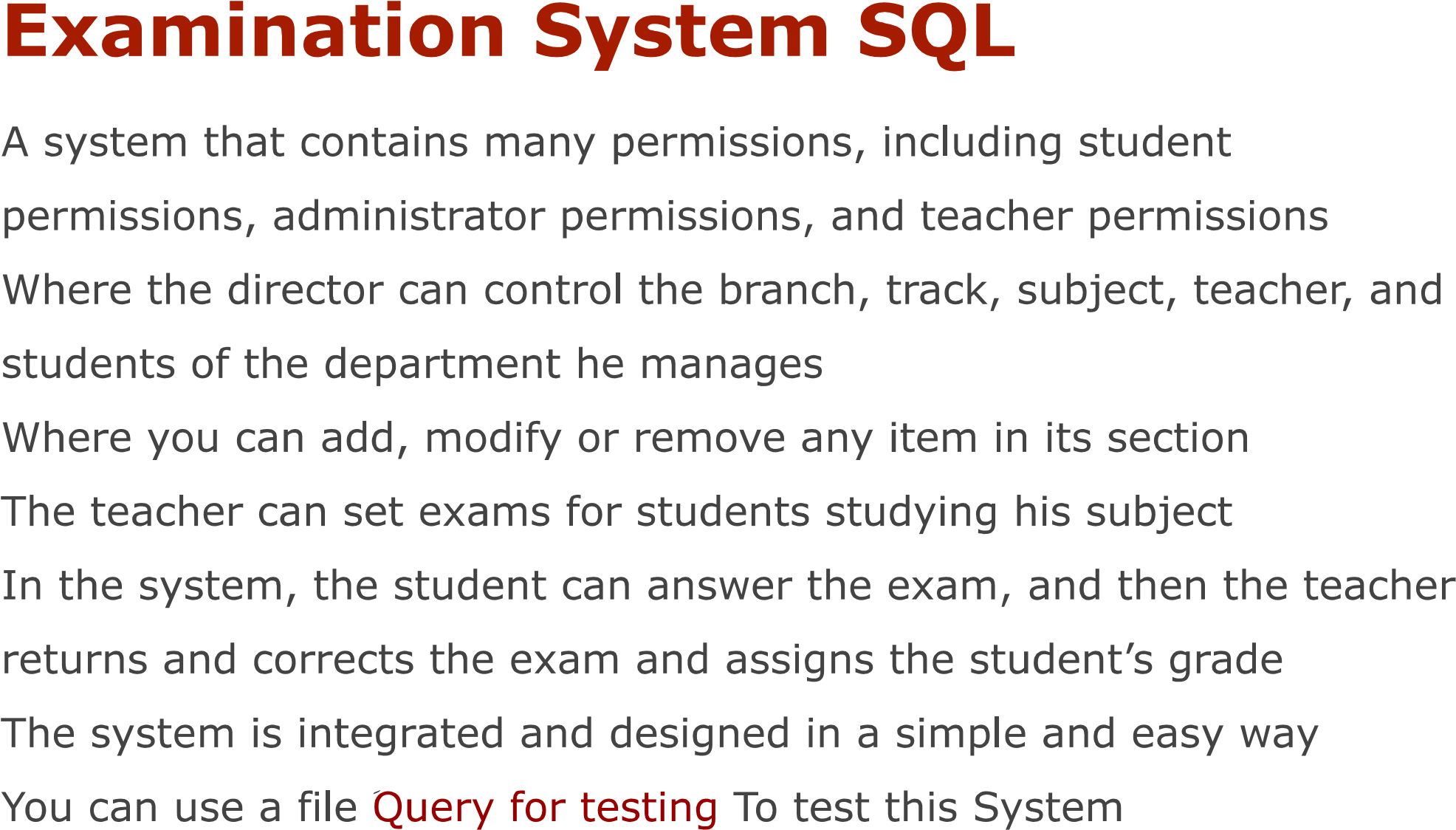


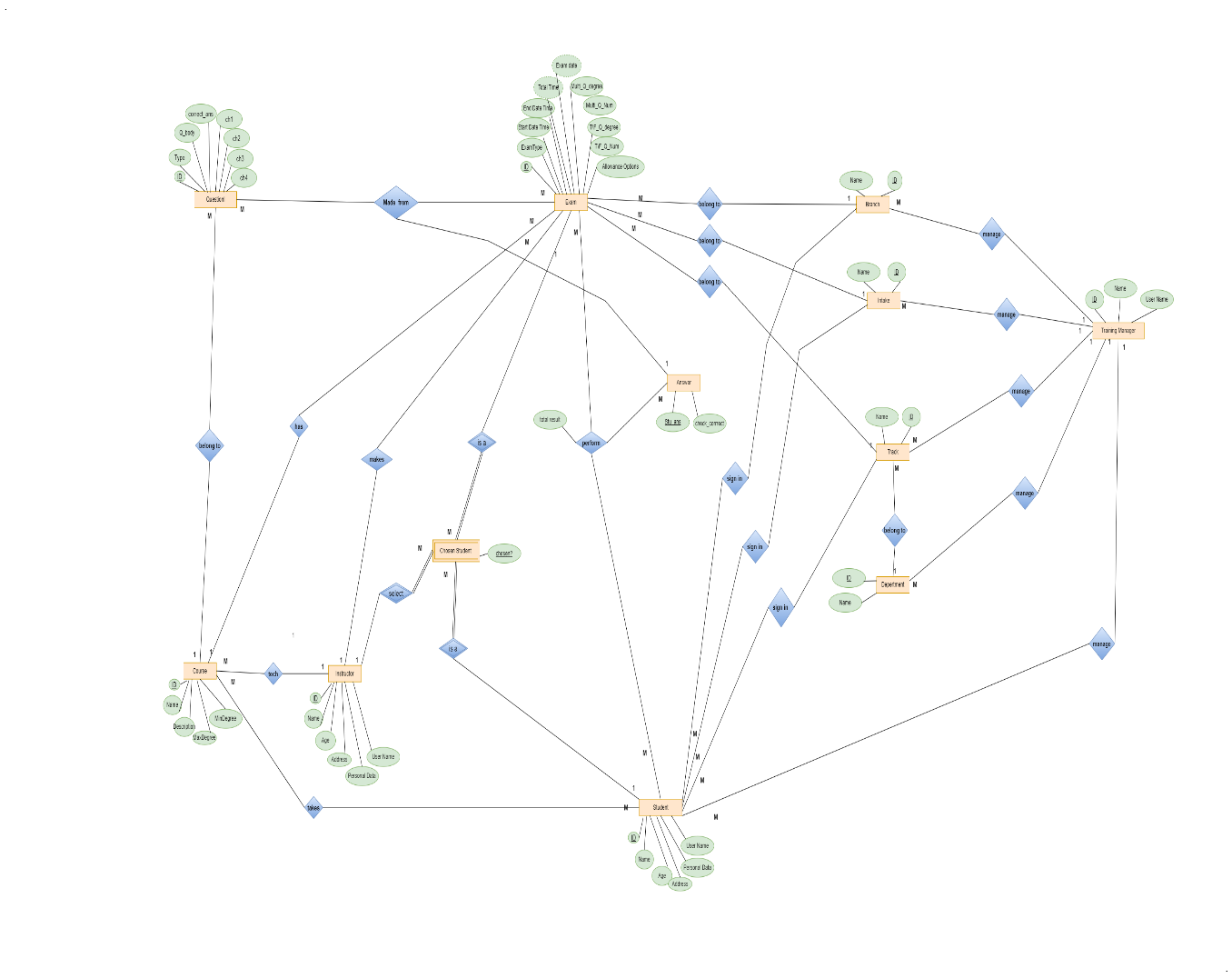
**Author Team 4 :**

Abdelrahman Mohamed Gomaa

Abdelrahman Mohamed Ahmed

Islam Abu elsoud





**Mapping**

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**Diagram**

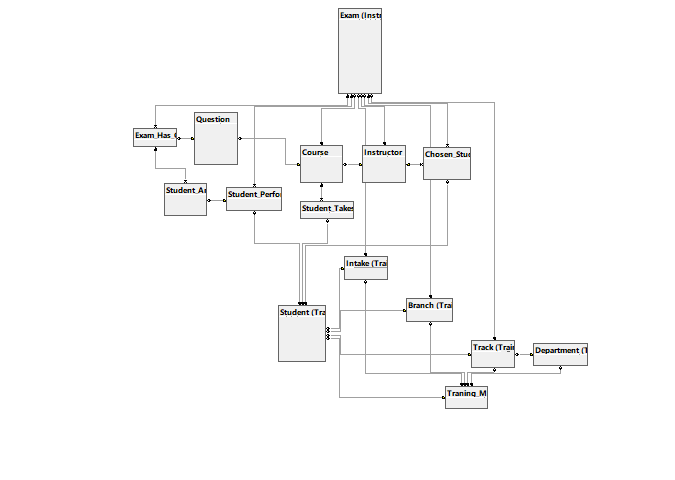
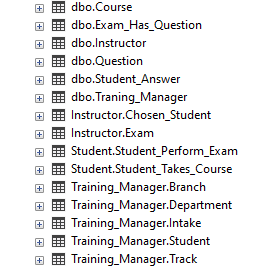
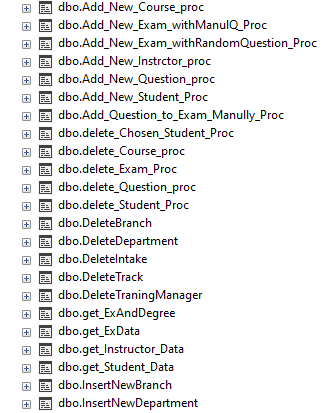
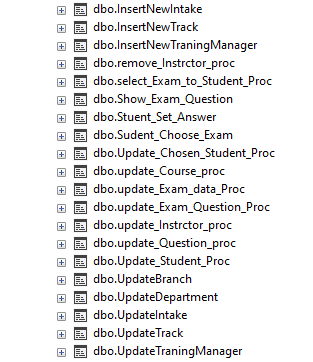
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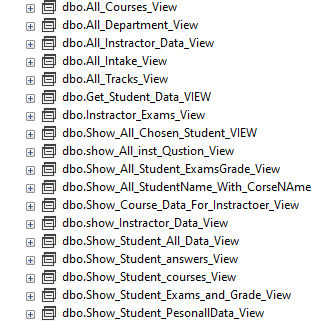


**Stored Procedures**

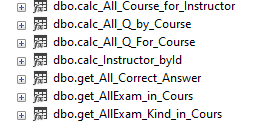
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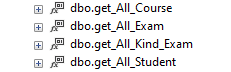
**Views**

****

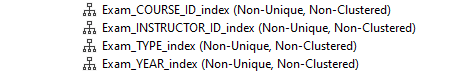
**Table\_Function**

****

**Scaler\_Function**

****

**Index**

****

**Brief Description For All Objects in DB**

|  |  |
| --- | --- |
| **Stored Procedures** | **Description** |
| Add\_New\_Student\_Proc | Proc To Add New Student |
| Update\_Student\_Proc | Proc To update Student |
| delete\_Student\_Proc | Proc To delate Student |
| select\_Exam\_to\_Student\_Proc | Proc To Chosen student |
| Update\_Chosen\_Student\_Proc | Proc To update chosen Student |
| delete\_Chosen\_Student\_Proc | Proc To delate chosen Student |
| Add\_New\_Exam\_withRandomQuestion\_Proc | Proc To Add New Exam random |
| Add\_New\_Exam\_withManulQ\_Proc | Proc To Add New Exam manul |
| Add\_Question\_to\_Exam\_Manully\_Proc | Proc To Add question to exam manully |
| update\_Exam\_data\_Proc | Proc To update exam data |
| update\_Exam\_Question\_Proc | Proc To update or chenge exam Question |
| delete\_Exam\_Proc | Proc To Delete exam |
| InsertNewTraningManager | Proc To Insert new traning manager |
| DeleteTraningManager | Proc To Delete traning manager |
| UpdateTraningManager | Proc To Update traning manager |
| InsertNewBranch | Proc To Insert new branch |
| UpdateBranch | Proc To Update branch |
| DeleteBranch | Proc To Delete branch |
| InsertNewTrack | Proc To Insert new track |
| UpdateTrack | Proc To Update track |
| DeleteTrack | Proc To Delete track |
| InsertNewIntake | Proc To Insert new intake |
| UpdateIntake | Proc To Update intake |
| DeleteIntake | Proc To Delete intake |
| InsertNewDepartment | Proc To Insert new department |
| UpdateDepartment | Proc To UpdateDepartment |
| DeleteDepartment | Proc To DeleteDepartment |
| Show\_Exam\_Question | Proc To student Show\_Exam\_Question |
| Sudent\_Choose\_Exam | Proc To Sudent\_Choose\_Exam proc |
| Stuent\_Set\_Answer | Proc To Stuent\_Set\_Answer |
| Add\_New\_Instrctor\_proc | Proc To Add Instructor |
| update\_Instrctor\_proc | Proc To Update Instructor |
| remove\_Instrctor\_proc | Proc To Delete Instructor |
| Add\_New\_Course\_proc | Proc To Add Course |
| update\_Course\_proc | Proc To Update Course |
| delete\_Course\_proc | Proc To Delete Course |
| Add\_New\_Question\_proc | Proc To Add Question |
| update\_Question\_proc | Proc To Update Question |
| delete\_Question\_proc | Proc To delete Question |
| get\_Instructor\_Data | Proc To Data Of Course And Instrctor |
| get\_Student\_Data | Proc To Data Of Course And Instrctor |
| get\_ExData | Proc To Show Data Of Exam |
| get\_Student\_Data | Proc To Data Of Course And Instrctor |
| get\_ExData | Proc To Show Data Of Exam |

**Function**

|  |  |
| --- | --- |
| **Scaler Function** | **Description** |
| get\_All\_Kind\_Exam  get\_All\_Exam | Function To Return Total Exam |
| get\_All\_Course | Function To Return Total Course |
| get\_All\_Student | Function To Return Total Student |
| **Table Function** | **Description** |
| calc\_Instructor\_byId  calc\_All\_Course\_for\_Instructor | Function To Return Total Instructor |
| calc\_All\_Q\_For\_Course  calc\_All\_Q\_by\_Course | Function To Return Total Question for every Course |
| get\_All\_Correct\_Answer | Function To Return Total Correct Answer |
| get\_AllExam\_Kind\_in\_Cours  get\_AllExam\_in\_Cours | Function To return all exam in every course |

**Index**

|  |  |
| --- | --- |
| **Index** | **Description** |
| Exam\_YEAR\_index | Index For year index |
| Exam\_COURSE\_ID\_index | Index For course index |
| Exam\_INSTRUCTOR\_ID\_index | Index For instructor index |
| Exam\_TYPE\_index | Index For Type index |

**Trigger**

|  |  |
| --- | --- |
| **Trigger** | **Description** |
| Check\_Exam\_TotalDegree\_trg | Trigger For Check Exam Total Degree Trigger |
| Calc\_stu\_Exam\_finalReasult\_trg | Trigger For Calc Exam final reasult of the students Trigger |
| pervent\_Delete\_Answer\_trg | Trigger For pervent delete in student Answer  Trigger |
| pervent\_Delete\_Final\_Reasult\_trg | Trigger For pervent delete Exam final reasult of  student Trigger |

**Views**

|  |  |
| --- | --- |
| Show\_Student\_All\_Data\_View | View For Show student all data view |
| Show\_Student\_PesonallData\_View | View For Show student personal data view |
| Show\_Student\_courses\_View | View For Show student courses view |
| Show\_Student\_Exams\_and\_Grade\_View | View For Show student exams view |
| Show\_Student\_answers\_View | View For Show student answer exams view |
| Show\_All\_Student\_ExamsGrade\_View | View For Show all students exams final reasult view |
| Get\_Student\_Data\_VIEW | View For Get\_Student\_Data\_VIEW |
| Show\_All\_Chosen\_Student\_VIEW | View For Show\_All\_Chosen\_Student\_VIEW |
| show\_Instractor\_Data\_View | View For show\_Instractor\_Data\_View |
| Show\_All\_StudentName\_With\_CorseNAme | View For Show\_All\_StudentName\_With\_CorseNAme |
| Show\_Course\_Data\_For\_Instractoer\_View | View For Show\_Course\_Data\_For\_Instractoer\_View |
| show\_All\_inst\_Qustion\_View | View For show\_All\_inst\_Qustion\_View |
| Instractor\_Exams\_View | View For Instractor\_Exams\_View |
| All\_Instractor\_Data\_View | View For All\_Instractor\_Data\_View |
| All\_Courses\_View | View For All\_Courses\_View |
| All\_Tracks\_View | View For All\_Tracks\_View |
| All\_Department\_View | View For All\_Department\_View |
| All\_Intake\_View | View For All\_Intake\_View |

|  |  |
| --- | --- |
| **Per Permissions** | **Pass word** |
| Manager | 123 |
| Instructor | 123 |
| Student | 123 |

|  |  |
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