**TABLE DESIGN**

1.tbl\_admin

Primary Key:admin\_id

Description: This table shows the information about the details of the admin.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| admin\_id | UUID |  | Unique ID of Admin |
| admin\_name | VARCHAR | 30 | Name of Admin |
| admin\_email | VARCHAR | 30 | Email of Admin |
| admin\_password | VARCHAR | 30 |  |

2.tbl\_teacher

Primary Key: teacher\_id

Description: This table shows the information about the details teacher.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| teacher\_id | INT |  | Unique ID of Teacher |
| teacher\_name | VARCHAR | 30 | Name of Teacher |
| teacher\_email | VARCHAR | 30 | Email of Teacher |
| teacher\_photo | VARCHAR | 50 | Photo of Teacher |
| teacher\_password | VARCHR | 50 | Password of teacher |

3.tbl\_student

Primary Key: student\_id

Foregin Key: teacher\_id, year\_id

Description: This table shows the information about the details student.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| student\_id | INT |  | Unique ID of student |
| student\_name | VARCHAR | 30 | Name of student |
| student\_email | VARCHAR | 30 | Email of student |
| student\_photo | VARCHAR | 50 | Photo of student |
| teacher\_id | INT |  | Unique ID of teacher |
| year\_id | INT |  | Unnique ID of year |
| student\_password | VARCHAR | 50 | Password of student |

4.tbl\_year

Primay Key: year\_id

Description: This table shows the information about the details of year.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| year\_id | INT |  | Unique ID of year |
| year\_name | VARCHAR | 30 | Name of year |

5.tbl\_technology

Primary key: technology\_id

Description: This table shows the information about the details of technology.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| technology\_id | INT |  | Unique ID of technology |
| technology\_name | VARCHAR | 30 | Name of technology |

6.tbl\_filetype

Primary Key: filetype\_id

Description: This table shows the information about the details of file type.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| filetype\_id | INT |  | Unique ID of filetype |
| file\_name | VARCHAR | 30 | Name of file |

7.tbl\_project

Primary Key: project\_id

Description: This table shows the information about the details of projects.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| project\_id | INT |  | Unique ID of project |
| project\_type | VARCHAR | 30 | Type of the project |
| project\_date | DATE |  | Dates of projects |
| project\_review1 | VARCHAR | 50 | Review 1 of project |
| project\_review2 | VARCHAR | 50 | Review 2 of project |
| project\_review3 | VARCHAR | 50 | Review 3 of project |
| project\_status | VARCHAR | 50 | Status of project |

8.tbl\_group

Primary Key: group\_id

Foregin Key: student\_id

Description: This table shows the information about the details of group.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| group\_id | INT |  | Unique ID of group |
| student\_id | INT |  | Unique ID of student |
| group\_abstract | VARCHAR | 50 | Abstract of the group project |
| group\_status | VARCHAR | 50 | Status of the group |
| group\_center | VARCHAR | 50 | Project center name |

9.tbl\_groupmember

Primary key: groupmember\_id

Foreign Key: student\_id,group\_id

Description: This table shows the information about the details of group members.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| groupmember\_id | INT |  | Unique ID of group member |
| student\_id | INT |  | Unique ID of student |
| group\_id | INY |  | Unique ID of group |

10.tbl\_review

Primary key: review\_id

Foreign Key: group\_id,mainproject\_id

Description: This table shows the information about the details of review.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| review\_id | INT |  | Unique ID of review |
| review\_date | DATE |  | Date of review |
| review\_type | VARCHAR | 30 | Type of review |
| group\_id | INT |  | Unique ID of group |
| review\_reply | VARCAHR | 50 | Reply to the review |
| mainproject\_id | INT |  | Unique ID of mainproject |
| review\_mark | VARCHAR | 30 | Mark of review |

11.tbl\_reviewfile

Primary key: reviewfile\_id

Foreign Key: group\_id, review\_id, filetype\_id

Description: This table shows the information about the details of reviewfile.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| reviewfile\_id | INT |  | Unique ID of reviewfile |
| reviewfile\_file | VACHAR | 100 | Review file |
| review\_id | INT |  | Unique ID of review |
| group\_id | INT |  | Unique ID of group |
| filetype\_id | INT |  | Unique ID of filetype |

12.tbl\_mainproject

Primary key: mainproject\_id

Foreign Key: student\_id, project\_id, technology\_id

Description: This table shows the information about the details of mainproject.

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | SIZE | DESCRIPTION |
| mainproject\_id | INT |  | Unique ID of mainproject |
| student\_id | INT |  | Unique ID of student |
| project\_id | INT |  | Unique ID of project |
| mainproject\_abstract | VARCHAR | 50 | Abstract of mainproject |
| mainprojcet\_status | VARCHAR | 50 | Status of mainproject |
| technology\_id | INT |  | Unique ID of technology |
| mainproject\_center | VARCHAR | 50 | Main project center |