

5.2 DATA STRUCTURES OF PROJECT

*AI = AUTO INCREMENT

*PK = PRIMARY KEY

*FK = FOREIGN KEY

| Students | | |
|--------------------|-------------|-----------------|
| Field_name | Data_Type | Constraints |
| Student_Id | VARCHAR(20) | Pk / AI |
| Student_Course | VARCHAR(20) | NULL |
| Student_Email | VARCHAR(20) | unique/not null |
| Date_of_joining | DATE | NULL |
| Student_Name | VARCHAR(20) | NULL |
| Student_fathername | VARCHAR(20) | NULL |
| Student_DOB | DATE | NULL |
| Student_mobile | VARCHAR(20) | NULL |
| Student_photo | blob | NULL |
| Student_Password | VARCHAR(20) | not NULL |

| COURSES | | |
|--------------------|-------------|-------------|
| Field_name | Data_Type | Constraints |
| REGISTRATION_ID | VARCHAR(20) | PK/AI |
| COURSE_name | VARCHAR(20) | NULL |
| COURSE_time | VARCHAR(20) | NULL |
| COURSE_type | VARCHAR(20) | NULL |
| course_description | VARCHAR(20) | NULL |

| COURSE_TUTOR | | |
|-----------------------|-------------|-----------------|
| Field_name | Data_Type | Constraints |
| Teacher_id | VARCHAR(20) | Pk/AI |
| Teacher_name | VARCHAR(20) | NULL |
| Teacher_Email | VARCHAR(20) | not null/unique |
| Teacher_qualification | VARCHAR(20) | NULL |
| Teacher_joining | DATE | NULL |
| Teacher_DOB | DATE | NULL |
| Teacher_photo | BLOB | NULL |

| Student_Course_ENROLLMENT | | |
|---------------------------|-------------|-------------|
| Field_name | Data_Type | Constraints |
| Registration_id | VARCHAR(20) | PK/AI |
| Student_Id | VARCHAR(20) | FK |
| Course_joining_date | DATE | NULL |
| Course_type | VARCHAR(20) | NULL |

| Quiz | | |
|-------------------|-------------|-------------|
| Field_name | Data_Type | Constraints |
| REGISTRATION_id | VARCHAR(20) | F.K |
| QUIZ_ID | VARCHAR(20) | P.K |
| Quiz_total_number | VARCHAR(20) | NULL |
| Quiz_solution | VARCHAR(20) | NULL |
| Quiz_mark | VARCHAR(20) | NULL |
| Quiz_rank | VARCHAR(20) | NULL |

| SUPPORT | | |
|--------------|-------------|-------------|
| Field_name | Data_Type | Constraints |
| TICKET_Id | VARCHAR(20) | PK/AI |
| student_name | VARCHAR(20) | NULL |
| student_id | VARCHAR(20) | NULL |
| Contact_time | date | NULL |
| Problem | VARCHAR(20) | NULL |
| student_id | VARCHAR(20) | FK |

| ADMIN | | |
|----------------|-------------|-------------|
| Field_name | Data_Type | Constraints |
| ADMIN_ID | VARCHAR(20) | PK/AI |
| ADMIN_TYPE | VARCHAR(20) | NULL |
| ADMIN_Password | VARCHAR(20) | NOT NULL |