***Amal Jyothi College of Engineering Kanjirapally***

***Dept. of Computer Applications***

**SMART CLASSROOM MANAGEMENT SYSTEM WITH FACE RECOGNITION**

***MAIN PROJECT TABLE DESIGN***

***Submitted By:* *Submitted To:***

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***TABLE DESIGN***

Database Name: classroom\_management\_system

1. ***Staff Table – ‘staff’:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO. | Fieldname | Data type | Constraints | Size | Description |
| 1 | Staff\_id | varchar | Not null | 50 | Holds the id of the user. |
| 2 | name | varchar | Not null | 50 | Holds the name of the user. |
| 3 | email | varchar | Not null | 50 | Holds the email of the user |
| 4 | password | vaarchar | Not null | 50 | Holds the password of the user. |
| 5 | Created\_at | varchar | Not null | 10 | Holds the creation date |
| 6 | Updated\_at | varchar | Not null | 10 | Holds the updation date |
| 7 | address | varchar | Not null | 100 | Holds the address of the staff |

1. ***Student Table – ‘student’:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO. | Fieldname | Data type | Constraints | Size | Description |
| 1 | Student\_id | varchar | Not null | 50 | Holds the id of the student |
| 2 | name | varchar | Not null | 50 | Holds the name. |
| 3. | email | varchar | Not null | 20 | Holds the email. |
| 4. | gender | varchar | Not null | 10 | Holds the gender. |
| 5 | Profile\_pic | image | Not null |  | Hold the picture of the student |
| 6 | Password | varchar | Not null | 10 | Holds the password |
| 7 | Created\_At | Varchar | Not null | 10 | Creation date |
| 8 | Updated\_at | varchar | Not null | 10 | Updation date |
| 9 | address | varchar | Not null | 50 | Address of the student |

1. ***Admin HOD Table – ‘admin\_hod’:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO. | Fieldname | Data type | Constraints | Size | Description |
| 1 | Hod\_id | varchar | Not null | 50 | Holds the id of the hod |
| 2 | name | varchar | Not null | 50 | Holds the name. |
| 3. | email | varchar | Not null | 20 | Holds the email. |
| 4 | Password | varchar | Not null | 10 | Holds the password |
| 5 | Created\_At | Varchar | Not null | 10 | Creation date |
| 6 | Updated\_at | varchar | Not null | 10 | Updation date |

1. ***Course Table – ‘course’:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO. | Fieldname | Data type | Constraints | Size | Description |
| 1 | Course\_id | varchar | Not null | 50 | Holds the id of the course |
| 2 | Course\_name | varchar | Not null | 50 | Holds the name. |
| 3 | Created\_At | Varchar | Not null | 10 | Creation date |
| 4 | Updated\_at | varchar | Not null | 10 | Updation date |

1. ***Subject Table – ‘subject’:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO. | Fieldname | Data type | Constraints | Size | Description |
| 1 | Subject\_id | varchar | Not null | 50 | Holds the id of the subject |
| 2 | Subject\_name | varchar | Not null | 50 | Holds the subject name. |
| 3. | Course\_id | varchar | Not null | 20 | Holds the course name. |
| 4. | Staff\_id | varchar | Not null | 10 | Holds the staff id. |
| 5 | Created\_At | Varchar | Not null | 10 | Creation date |
| 6 | Updated\_at | varchar | Not null | 10 | Updation date |

1. ***Notification Staff Table – ‘notification\_staff’:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO. | Fieldname | Data type | Constraints | Size | Description |
| 1 | Notification\_id | varchar | Not null | 50 | Holds the id of the notification. |
| 2 | Staff\_id | varchar | Not null | 50 | Holds the staff\_id. |
| 3. | message | varchar | Not null | 100 | Holds the message. |
| 7 | Created\_At | Varchar | Not null | 10 | Creation date |
| 8 | Updated\_at | varchar | Not null | 10 | Updation date |

1. ***Leave Table – ‘leave’:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO. | Fieldname | Data type | Constraints | Size | Description |
| 1 | Leave\_id | varchar | Not null | 50 | Holds the id of the leave. |
| 2 | Student\_staff\_id | varchar | Not null | 50 | Holds the id. |
| 3. | Is\_staff | varchar | Not null | 20 | Holds the if staff or not. |
| 4. | status | varchar | Not null | 10 | Holds the status. |
| 5 | Leave\_Date | varchar | Not null |  | Hold the date of leave. |
| 6 | Created\_At | Varchar | Not null | 10 | Creation date |
| 7 | Updated\_at | varchar | Not null | 10 | Updation date |

1. ***Notification Student Table – ‘notification\_student’:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO. | Fieldname | Data type | Constraints | Size | Description |
| 1 | Notification\_student\_id | varchar | Not null | 50 | Holds the id of the notification. |
| 2 | Student\_id | varchar | Not null | 50 | Holds the student id. |
| 3. | message | varchar | Not null | 100 | Holds the message. |
| 4 | Created\_At | Varchar | Not null | 10 | Creation date |
| 5 | Updated\_at | varchar | Not null | 10 | Updation date |

1. ***Feedback Table – ‘feedback’:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO. | Fieldname | Data type | Constraints | Size | Description |
| 1 | Feedback\_id | varchar | Not null | 50 | Holds the id of the feedback. |
| 2 | Student\_staff\_id | varchar | Not null | 50 | Holds the id. |
| 3. | Is\_staff | varchar | Not null | 20 | Holds the if staff or not. |
| 4. | message | varchar | Not null | 100 | Holds the message. |
| 5 | Created\_At | Varchar | Not null | 10 | Creation date |
| 6 | Updated\_at | varchar | Not null | 10 | Updation date |

1. ***Attendance Table – ‘attendance’:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO. | Fieldname | Data type | Constraints | Size | Description |
| 1 | Attendance\_id | varchar | Not null | 50 | Holds the attendance\_id of the student. |
| 2 | Subject\_id | varchar | Not null | 50 | Holds the name. |
| 3. | Date\_time | varchar | Not null | 20 | Holds the email. |
| 4 | Created\_At | Varchar | Not null | 10 | Creation date |
| 5 | Updated\_at | varchar | Not null | 10 | Updation date |

1. ***Attendance Report Table – ‘attendance\_report’:***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SNO. | Fieldname | Data type | Constraints | Size | Description |
| 1 | id | varchar | Not null | 50 | Holds the id of the student |
| 2 | Student\_id | varchar | Not null | 50 | Holds student id. |
| 3. | Attendance\_id | varchar | Not null | 20 | Holds attendance id. |
| 4. | status | varchar | Not null | 10 | Holds the status of the attendance. |
| 5 | Created\_At | Varchar | Not null | 10 | Creation date |
| 6 | Updated\_at | varchar | Not null | 10 | Updation date |