Table name: Teacher

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Datatype | Default value | Not null | Description |
| teacherId | VARCHAR(255) |  | √ | Unique id of teachers |
| teacherName | VARCHAR(255) |  | √ | Name of teachers |
| moduleId | VARCHAR(255) |  | √ | Unique id of modules |

Table name: Login

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Datatype | Default value | Not null | Description |
| userId | VARCHAR(255) |  | √ | Unique id of teachers or admin |
| username | VARCHAR(255) |  | √ | Name of teachers or admin |
| userPsw | VARCHAR(255) |  | √ | Password of teachers or admin |

Table name: Student

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Datatype | Default value | Not null | Description |
| studentId | VARCHAR(255) |  | √ | Unique id of students |
| studentName | VARCHAR(255) |  | √ | Name of students |
| numofAbsent | INT(10) | ‘0’ | √ | Number of absent times |
| studentImg | MEDIUMBLOB |  | √ | Image of this student |
| studentFeature | BLOB |  | √ | Feature of image |

Table name: Attendance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Datatype | Default value | Not null | Description |
| lessonId | VARCHAR(255) |  | √ | Unique id of lessons |
| studentId | VARCHAR(255) |  | √ | Unique id of students |
| isAttend | TINYINT(4) | null | √ | Whether this student has attended lecture |
| attendTime | DATETIME |  |  | Time of attendance |

Table name: module

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Datatype | Default value | Not null | Description |
| moduleId | VARCHAR(255) |  | √ | Unique id of modules |
| moduleName | VARCHAR(255) |  | √ | Name of lessons |
| studentId | VARCHAR(255) |  | √ | Unique id of students |

Table name: Lesson

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Datatype | Default value | Not null | Description |
| lessonId | VARCHAR(255) |  | √ | Unique id of lessons |
| moduleId | VARCHAR(255) |  | √ | Unique id of modules |
| lessonStart | DATETIME |  | √ | Date and time of lessons |
| lessonType | VARCHAR(255) |  | √ | Type of the lectures |