**DATA DICTIONARY**

P –Primary Key F – Foreign Key

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TABLE | P/F | Field Name | | Description | | | Data Type | | Data Size/Length | |
| Student | P | Student\_ID | | Unique Identification of student | | | TEXT | | 8 characters | |
|  |  | emailID | | Student’s Mail ID | | | TEXT | | 32 characters | |
|  |  | Student\_name | | Student’s Name | | | TEXT | | 32 characters | |
|  |  | DOB | | Student’s Date of Birth | | | DATE/TIME | | 16 characters | |
|  |  | Contact\_no | | Student’s Contact Number | | | INT | | 16 characters | |
|  |  | branch | | Student’s Enrolled Branch | | | TEXT | | 32 characters | |
|  |  | Student\_add | | Student’s Residential Address | | | TEXT | | 128 characters | |
|  |  |  | |  | | |  | |  | |
| Grades | F | Student\_ID | | Unique Identification of student | | | TEXT | | 8 characters | |
|  | F | Course\_ID | | Course ID | | | TEXT | | 8 characters | |
|  |  | grade | | Grade in the enrolled course | | | TEXT | | 4 characters | |
|  |  |  | |  | | |  | |  | |
| Faculty | P | | Faculty\_ID | | Unique Identification of the Faculty | TEXT | | 8 characters | |
|  |  | | Faculty\_Name | | Faculty Name | TEXT | | 32 characters | |
|  |  | | DOB | | Date of Birth | DATE/TIME | | 16 characters | |
|  |  | | department | | Department in which faculty works | TEXT | | 32 characters | |
|  |  | | designation | | Designation | TEXT | | 16 characters | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Fees | P | | | Receipt\_No | | Receipt Number | | INT | | 8 characters |
|  | F | | | Student\_ID | | Unique ID of student | | TEXT | | 8 characters |
|  |  | | | Fee\_submission | | Submission of Fees | | BOOL | | 1 character |
|  |  | | |  | |  | |  | |  |
| Courses | | P | Course\_ID | | Course ID | | TEXT | | 8 characters | |
|  | |  | Course\_Name | | Course Name | | TEXT | | 32 characters | |
|  | |  | Sem\_No | | Semester Number | | INT | | 8 characters | |
|  | |  | branch | | Branches in the college | | TEXT | | 16 characters | |
|  | |  | elective | | Elective course | | BOOL | | 1 character | |
|  | |  |  | |  | |  | |  | |
| Attendance | | F | Student\_ID | | Unique Identification of student | | TEXT | | 8 characters | |
|  | | F | Course\_ID | | Course ID | | TEXT | | 8 characters | |
|  | |  | Total\_Classes | | Total classes of a specific course | | INT | | 4 characters | |
|  | |  | Total\_Attended | | Total classes attended | | INT | | 4 characters | |