EXPERIMENT-3

RELATIONAL MODEL FOR A COLLEGE DATABASE

**Aim**: Draw a relational model for a college database

**Components:**

* Tables:
  + Student
  + College
  + Course offerings
  + Course
  + Faculty
* Degree
  + Student – 4
  + College – 3
  + Course offerings – 3
  + Course – 3
  + Faculty – 3

|  |  |
| --- | --- |
| Student | studies in |
| Stud\_id | varchar(10) |
| Stud\_name | varchar(10) |
| mobile | int |
| address | varchar(20)  provides |

|  |  |
| --- | --- |
| College |  |
| college\_id | varchar(10) |
| college\_name | varchar(10) |
| address | varchar(20) |

taught by

|  |  |
| --- | --- |
| Course offerings |  |
| no\_of\_courses | int |
| year | int |
| semester | int |

|  |  |
| --- | --- |
| Faculty |  |
| faculty\_id | varchar(10) |
| faculty\_name | varchar(10) |
| subj\_taught | varchar(10) |

offers

|  |  |
| --- | --- |
| Course |  |
| course\_id | Varchar(10) |
| course\_name | Varchar(10) |
| duration | int |

