**EXPERIMENT – 3**

Exp No: 3 Represent all entities and relationships in a tabular fashion (Relational Model)

1. Student

|  |  |  |
| --- | --- | --- |
| COLOUMN NAME | DATA TYPE | CONSTRAINT |
| ID | char (10) | PRIMARY |
| NAME | Varchar2(50) | Not Null |
| PHONE NUMBER | Integer (10) | Not Null |
| DOB | Date | Not Null |
| AGE | Integer (3) | - |
| SEX | Char (1) | Not Null |

1. Exam

|  |  |  |
| --- | --- | --- |
| COLOUMN NAME | DATA TYPE | CONSTRAINT |
| EXAM CODE | Char (4) | PRIMARY KEY |
| SUBJECT | Varchar (20) | Not Null |
| NO. OF QUESTIONS | Integer (2) | Not Null |
| MARKS | Integer (3) | Not Null |

1. Subject Report Card

|  |  |  |
| --- | --- | --- |
| COLOUMN NAME | DATA TYPE | CONSTRAINT |
| STUDENT ID | Char (10) | PRIMARY KEY |
| STUDENT NAME | Varchar (50) | Not Null |
| SUBJECT | Varchar (20) | Not Null |
| MARKS SCORED | Integer (3) | - |
| NO. OF QUESTIONS ATTEMPTED | Integer (2) | - |

1. Application Form

|  |  |  |
| --- | --- | --- |
| COLOUMN NAME | DATA TYPE | CONSTRAINT |
| APPLICATION NO. | Char (10) | PRIMARY KEY |
| MODE OF CONDUCTION | Varchar (10) | Not Null |
| SUBJECT | Varchar (20) | Not Null |
| DATE WHEN APPLIED | Date | Not Null |
| HALL TICKET NO. | Char (10) | PRIMARY KEY |
| DATE OF EXAM | Date | Not Null |