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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
|  |  |  |  |
| Staffs | | | |
| Staff\_id | NUMBER(4) | PK (pk\_staffs) |  |
| F\_name | VARCHAR2(15) | UPPER |  |
| L\_name | VARCHAR2(15) | UPPER |  |
| Address | VARCHAR2(50) |  |  |
| Phone\_no | VARCHAR2(15) |  | NN |
| Gender | CHAR(1) | CHECK IN (M,F,O) |  |
| email | VARCHAR2(25) | UNIQUE |  |
| city | VARCHAR2(20) |  | KATHMANDU |
| Country | VARCHAR2(20) |  | NEPAL |
|  |  |  |  |
| Roles |  |  |  |
| Role\_id | NUMBER(4) | PK (pk\_roles) |  |
| Type | VARCHAR2(15) | NOT NULL |  |
| Description | VARCHAR2(15) |  |  |
|  |  |  |  |
| Stages |  |  |  |
| Stage\_id | NUMBER(4) | PK (pk\_stages) |  |
| Stage\_name | VARCHAR2(15) | NOT NULL |  |
| Stage\_description | VARCHAR2(15) |  |  |
|  |  |  |  |
| Resources |  |  |  |
| Resource\_id | NUMBER(4) | PK (pk\_resources) |  |
| Name | VARCHAR2(20) | NOT NULL |  |
| Description | VARCHAR2(100) |  |  |
| Cost($) | NUMBER(8) | NOT NULL |  |
|  |  |  |  |
| Activities |  |  |  |
| Activity\_id | NUMBER(4) | PK (pk\_activites) |  |
| Name | VARCHAR2(15) | NOT NULL |  |
| Aim | VARCHAR2(15) |  |  |
| Time\_frame | VARCHAR2(15) | NOT NULL |  |
| Budget | NUMBER(8) | NOT NULL |  |
|  |  |  |  |
| Costs |  |  |  |
| Cost\_id | NUMBER(4) | PK (pk\_costs) |  |
| Item\_name | VARCHAR2(15) | NOT NULL |  |
| Item\_price | NUMBER(8) | NOT NULL |  |
| Staff\_roles |  |  |  |
| Staff\_id | NUMBER(4) | FK (fk\_s\_staffs) |  |
| Role\_id | NUMBER(4) | FK (fk\_s\_roles) |  |
|  |  |  |  |
| Groups |  |  |  |
| Group\_id | NUMBER(4) | PK (pk\_groups) |  |
| Staff\_id | NUMBER(4) | FK (fk\_g\_staffs) |  |
| Role\_id | NUMBER(4) | FK (fk\_g\_roles) |  |
|  |  |  |  |
| Name | VARCHAR2(15) | NOT NULL |  |
|  |  |  |  |
| Plans |  |  |  |
| Plan\_id | NUMBER(4) | PK (pk\_plans) |  |
| Activity\_id | NUMBER(4) | FK (fk\_p\_activites) |  |
| Stage\_id | NUMBER(4) | FK (fk\_p\_stages) |  |
| Start\_date | DATE | NOT NULL | sysdate |
| End\_date | DATE | NOT NULL |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Reviews |  |  |  |
| Review\_id | NUMBER(4) | PK (pk\_review) |  |
| Plan\_id | NUMBER(4) | FK (fk\_r\_plans) |  |
| Group\_id | NUMBER(4) | FK (fk\_r\_groups) |  |
| Review\_time\_date | DATE |  | sysdate |
| Details | VARCHAR2(100) |  |  |
| locations | VARCHAR2(20) |  |  |
|  |  |  |  |
| Actions |  |  |  |
| Action\_id | NUMBER(4) | PK (pk\_actions) |  |
| Review\_id | NUMBER(4) | FK (fk\_a\_reviews) |  |
| Owner | VARCHAR2(15) |  |  |
| Deadline | DATE |  |  |
|  |  |  |  |
| Activity\_resources |  |  |  |
| Activity\_id | NUMBER(4) | FK (fk\_a\_activities) |  |
| Resources\_id | NUMBER(4) | FK (fk\_a\_resources) |  |
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