## Project queries

Creating Database

CREATE DATABASE `bank2` /\*!40100 DEFAULT CHARACTER SET utf8mb4 COLLATE utf8mb4\_0900\_ai\_ci \*/ /\*!80016 DEFAULT ENCRYPTION='N' \*/;

Creating Employee\_Details Table

CREATE TABLE `employee\_details` (

`E\_ID` int NOT NULL,

`E\_NAME` text,

`E\_DESIGNATION` text,

`E\_ADDR` text,

`E\_BRANCH` text,

`E\_CONT\_NO` bigint DEFAULT NULL,

PRIMARY KEY (`E\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

Creating Membership Table

CREATE TABLE `membership` (

`M\_ID` int NOT NULL,

`Start\_date` text,

`End\_date` text,

PRIMARY KEY (`M\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

Creating Customer table

CREATE TABLE `customer` (

`C\_ID` int NOT NULL,

`M\_ID` int DEFAULT NULL,

`C\_NAME` text,

`C\_EMAIL\_ID` text,

`C\_TYPE` text,

`C\_ADDR` text,

`C\_CONT\_NO` bigint DEFAULT NULL,

PRIMARY KEY (`C\_ID`),

KEY `membership\_id\_idx` (`M\_ID`),

CONSTRAINT `membership\_id` FOREIGN KEY (`M\_ID`) REFERENCES `membership` (`M\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

Creating Payment\_details Table

CREATE TABLE `payment\_details` (

`Payment\_ID` varchar(50) NOT NULL,

`C\_ID` int DEFAULT NULL,

`SH\_ID` int DEFAULT NULL,

`AMOUNT` int DEFAULT NULL,

`Payment\_Status` text,

`Payment\_Mode` text,

`Payment\_Date` text,

PRIMARY KEY (`Payment\_ID`),

KEY `Client\_id\_idx` (`C\_ID`),

KEY `shipment\_id\_idx` (`SH\_ID`),

CONSTRAINT `Client\_id` FOREIGN KEY (`C\_ID`) REFERENCES `customer` (`C\_ID`),

CONSTRAINT `SH\_ID` FOREIGN KEY (`SH\_ID`) REFERENCES `shipment\_details` (`SH\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

Creating Shipment\_details Table

CREATE TABLE `shipment\_details` (

`SH\_ID` int NOT NULL,

`C\_ID` int DEFAULT NULL,

`SH\_CONTENT` text,

`SH\_DOMAIN` text,

`SER\_TYPE` text,

`SH\_WEIGHT` int DEFAULT NULL,

`SH\_CHARGES` int DEFAULT NULL,

`SR\_ADDR` text,

`DS\_ADDR` text,

PRIMARY KEY (`SH\_ID`),

KEY `Client\_id\_idx` (`C\_ID`),

CONSTRAINT `C\_id` FOREIGN KEY (`C\_ID`) REFERENCES `customer` (`C\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

Creating Status Table

CREATE TABLE `status` (

`SH\_ID` int NOT NULL,

`Current\_Status` text,

`Sent\_date` text,

`Delivery\_date` text,

PRIMARY KEY (`SH\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

Creating Employee Manages Shipment Table

CREATE TABLE `employee\_manages\_shipment` (

`Employee\_E\_ID` int DEFAULT NULL,

`Shipment\_Sh\_ID` int DEFAULT NULL,

`Status\_Sh\_ID` int DEFAULT NULL,

KEY `employee\_id\_idx` (`Employee\_E\_ID`),

KEY `shipment\_id\_idx` (`Shipment\_Sh\_ID`),

KEY `Status\_sh\_id\_idx` (`Status\_Sh\_ID`),

CONSTRAINT `Employee\_id` FOREIGN KEY (`Employee\_E\_ID`) REFERENCES `employee\_details` (`E\_ID`),

CONSTRAINT `SHIP\_id` FOREIGN KEY (`Shipment\_Sh\_ID`) REFERENCES `shipment\_details` (`SH\_ID`),

CONSTRAINT `ST\_SH\_id` FOREIGN KEY (`Status\_Sh\_ID`) REFERENCES `status` (`SH\_ID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci

|  |  |
| --- | --- |
| Column | Datatype |
| SD\_ID | VARCHAR(6) |
| SD\_CONTENT | VARCHAR(40) |
| SD\_DOMAIN | VARCHAR(15) |
| SD\_TYPE | VARCHAR(15) |
| SD\_WEIGHT | VARCHAR(10) |
| SD-CHARGES | INT (10) |
| SD-ADDR | VARCHAR(100) |
| DS\_ADDR | VARCHAR(100) |
| Customer\_Cust\_ID | INT (4) |

|  |  |
| --- | --- |
| Column | Datatype |
| Cust\_id | Int(4) |
| Cust\_name | VARCHAR(30) |
| Cust\_EMAIL\_ID | VARCHAR(50) |
| Cust\_CONT\_NO | VARCHAR(30) |
| Cust\_ADDR | VARCHAR(100) |
| Cust\_TYPE | VARCHAR(30) |
| Membership\_M\_ID | int |

|  |  |
| --- | --- |
| Column | Datatype |
| PAYMENT\_ID | VARCHAR(40) |
| AMOUNT | INT |
| PAYMENT\_STATUS | VARCHAR(10) |
| PAYMENT\_DATE | TEXT |
| PAYMENT\_MODE | VARCHAR(25) |
| Shipment\_SH\_ID | VARCHAR(6) |
| Shipment\_Client\_C\_ID | INT(4) |

PAYMENT DETAILS TABLE

***E-R DIAGRAM***

|  |  |
| --- | --- |
| Column | Datatype |
| M\_ID | Int |
| START\_DATE | text |
| END\_DATE | text |

SHIPMENT DETAILS

MEMBERSHIP TABLE

CUSTOMER TABLE

STATUS TABLE

|  |  |
| --- | --- |
| Column | Datatype |
| CURRENT\_ST | VARCHAR(15) |
| SENT\_DATE | TEXT |
| DELIVERY\_DATE | TEXT |
| SH\_ID | VARCHAR(6) |

|  |  |
| --- | --- |
| Column | Datatype |
| Employee\_E\_ID | INT (5) |
| Shipment\_SH\_ID | VARCHAR(6) |
| Status\_SH\_ID | VARCHAR(6) |

EMPLOYEE MANAGES SHIPMENT

|  |  |
| --- | --- |
| Column | Datatype |
| Emp\_id | Int(5) |
| Emp\_name | VARCHAR(30) |
| Emp\_branch | VARCHAR(30) |
| Emp\_designation | VARCHAR(15) |
| Emp\_ADDR | VARCHAR(100) |
| Emp\_CONT\_NO | VARCHAR(10) |

EMPLOYEE DETAILS