1) CREATE TABLE `login` (

`user` varchar(45) NOT NULL,

`password` varchar(45) DEFAULT NULL,

`personaldetailid` bigint(20) DEFAULT NULL,

`roleid` tinyint(4) DEFAULT NULL,

PRIMARY KEY (`user`));

2) CREATE TABLE `person` (

`personaldetailid` bigint(20) NOT NULL,

`fname` varchar(45) NOT NULL,

`lname` varchar(45) DEFAULT NULL,

`addressid` bigint(20) DEFAULT NULL,

`departmentid` tinyint(4) DEFAULT NULL,

PRIMARY KEY (`personaldetailid`));

3) CREATE TABLE `department` (

`departmentid` TINYINT NOT NULL,

`dname` VARCHAR(45) NULL,

PRIMARY KEY (`departmentid`));

4) CREATE TABLE `address` (

`addressid` bigint(20) NOT NULL,

`roomno` varchar(6) NOT NULL,

`mobileno` varchar(10) DEFAULT NULL,

`buildingid` tinyint(4) DEFAULT NULL,

PRIMARY KEY (`addressid`));

5) CREATE TABLE `role` (

`roleid` TINYINT NOT NULL,

`rname` VARCHAR(16) NOT NULL,

PRIMARY KEY (`roleid`));

6) CREATE TABLE `building` (

`buildingid` tinyint(4) NOT NULL,

`name` varchar(45) NOT NULL,

`sectorid` tinyint(4) DEFAULT NULL,

PRIMARY KEY (`buildingid`));

7) CREATE TABLE `sector` (

`sectorid` TINYINT NOT NULL,

`sec\_name` VARCHAR(45) NOT NULL,

PRIMARY KEY (`sectorid`));

8) CREATE TABLE `place` (

`placeid` bigint(20) NOT NULL,

`roomno` varchar(45) NOT NULL,

`buildingid` tinyint(4) DEFAULT NULL,

PRIMARY KEY (`placeid`));

9) CREATE TABLE `complaint` (

`complaintid` bigint(20) NOT NULL,

`cdatetime` datetime NOT NULL,

`resdatetime` datetime DEFAULT NULL,

`resolutiontime` tinyint(4) DEFAULT NULL,

`complaintstatusid` tinyint(4) DEFAULT NULL,

`technicianid` tinyint(4) DEFAULT NULL,

`user` varchar(30) DEFAULT NULL,

`placeid` bigint(20) DEFAULT NULL,

PRIMARY KEY (`complaintid`));

10) CREATE TABLE `complaint\_status` (

`complaintstatusid` TINYINT NOT NULL,

`description` VARCHAR(45) NULL,

PRIMARY KEY (`complaintstatusid`));

11) CREATE TABLE `technician` (

`technicianid` tinyint(4) NOT NULL,

`technicianname` varchar(45) DEFAULT NULL,

`mobileno` varchar(10) DEFAULT NULL,

`departmentid` tinyint(4) DEFAULT NULL,

PRIMARY KEY (`technicianid`));

12) CREATE TABLE `fault` (

`faultid` tinyint(4) NOT NULL,

`description` text,

`departmentid` tinyint(4) DEFAULT NULL,

PRIMARY KEY (`faultid`));

13) CREATE TABLE `complaint\_fault` (

`complaintid` BIGINT NOT NULL,

`faultid` SMALLINT NULL,

PRIMARY KEY (`complaintid`));

14) CREATE TABLE `complaint\_technician` (

`complaintid` BIGINT NOT NULL,

`technicianid` TINYINT NULL,

PRIMARY KEY (`complaintid`));