1. **Create engineer table:**

CREATE TABLE engineer(

engineerID int NOT NULL AUTO\_INCREMENT,

first\_name varchar(255) NOT NULL,

last\_name varchar(255) NOT NULL,

email varchar(255) NOT NULL,

country varchar(255) NOT NULL,

occupation varchar(255) NOT NULL,

year\_of\_experience varchar(255) NOT NULL,

skills varchar(255) NOT NULL,

salary varchar(255) NOT NULL,

project\_name varchar(255) NOT NULL,

project\_description varchar(255) NOT NULL,

work\_avbly varchar(255),

notice\_period varchar(255),

start\_date varchar(255),

objectID varchar(255),

resumeID varchar(255),

PRIMARY KEY(engineerID),

FOREIGN KEY (objectID) REFERENCES profile\_image(objectID));

1. ~~Create exam1 table:~~

~~CREATE TABLE exam1(~~

~~timestamp varchar(255) NOT NULL,~~

~~email varchar(255) NOT NULL,~~

~~score varchar(255) NOT NULL,~~

~~name varchar(255) NOT NULL,~~

~~PRIMARY KEY(email));~~

1. **Create profile\_image table:**

CREATE TABLE profile\_image(

imgID int NOT NULL PRIMARY KEY AUTO\_INCREMENT,

engineerID int NOT NULL,

status int NOT NULL,

objectID varchar(255) NOT NULL,

FOREIGN KEY (engineerID) REFERENCES engineer(engineerID));

1. **Create dkm table:**

CREATE TABLE dkm(

examID int NOT NULL PRIMARY KEY AUTO\_INCREMENT,

exam\_title varchar(255) NOT NULL,

link varchar(255) NOT NULL,

engineerID int NOT NULL,

score varchar(255) NOT NULL,

timestamp varchar(255) NOT NULL,

FOREIGN KEY (engineerID) REFERENCES engineer(engineerID))

1. **Insert demo data into dkm table:**

INSERT INTO `dkm`(`examID`, `exam\_title`, `link`, `engineerID`, `score`, `timestamp`) VALUES ('1','Database Assessment','https://forms.gle/AbxHtNtdDadHjiHB7','1','90%','30/03/2023 17:06:16')

1. **Create offer table:**

CREATE TABLE offer(

offerID int NOT NULL PRIMARY KEY AUTO\_INCREMENT,

companyID int NOT NULL,

engineerID int NOT NULL,

offer\_occupation varchar(255) NOT NULL,

offer\_start\_date varchar(255) NOT NULL,

offer\_end\_date varchar(255) NOT NULL,

offer\_salary varchar(255) NOT NULL,

status varchar(255),

contractID int,

contract\_link varchar(255),

FOREIGN KEY (engineerID) REFERENCES engineer(engineerID),

FOREIGN KEY (companyID) REFERENCES company(companyID))

1. **Insert demo offer into offer table:**

INSERT INTO `offer`(`companyID`, `engineerID`, `offer\_occupation`, `offer\_start\_date`, `offer\_end\_date`, `offer\_salary`, `status`) VALUES ('223','1','Architect','30/04/2023 ','30/10/2023 ','50000','sent')

1. **Create company table:**

CREATE TABLE company(

companyID int NOT NULL AUTO\_INCREMENT,

company\_name varchar(255) NOT NULL,

email varchar(255) NOT NULL,

PRIMARY KEY(companyID));

1. **Insert demo company profile into company table:**

INSERT INTO `company`(`companyID`, `company\_name`, `email`) VALUES ('223','MicroSoft','auwork@microsoft.com')

1. **Create payslip table:**

CREATE TABLE payslip(

payslipID int NOT NULL AUTO\_INCREMENT,

companyID int NOT NULL,

engineerID int NOT NULL,

gross\_pay varchar(255),

net\_pay varchar(255),

pay\_date varchar(255),

link varchar(255),

status varchar(255),

PRIMARY KEY(payslipID),

FOREIGN KEY (engineerID) REFERENCES engineer(engineerID),

FOREIGN KEY (companyID) REFERENCES company(companyID))

1. **Insert demo payslip into payslip table:**

INSERT INTO `payslip`(`payslipID`, `companyID`, `engineerID`, `gross\_pay`, `net\_pay`, `pay\_date`, `link`, `status`) VALUES ('1','223','1','10000','9900','04-03-2023','https://enginerayprojectstack-engineraybucket2b983bf9-9flhu9hi3w15.s3.us-east-2.amazonaws.com/paysliper-template-grid3.docx ','Paid')

1. Select payslip info:

SELECT c.company\_name AS company\_name, o.offer\_occupation AS occupation, p.engineerID AS engineerID, p.pay\_date AS pay\_date, p.link AS link, p.status AS status

FROM company c,offer o, payslip p

WHERE c.companyID = o.companyID AND c.companyID=p.companyID AND o.companyID=p.companyID AND o.engineerID = p.engineerID;

1. **Create psv table:**

CREATE TABLE psv(

psvID int NOT NULL AUTO\_INCREMENT,

engineerID int NOT NULL,

psv\_title varchar(255) NOT NULL,

psv\_link varchar(255) NOT NULL,

timestamp varchar(255) NOT NULL,

PRIMARY KEY(psvID),

FOREIGN KEY (engineerID) REFERENCES engineer(engineerID))

1. **Insert demo data into psv table:**

INSERT INTO `psv`(`psvID`, `engineerID`, `psv\_title`, `psv\_link`, `timestamp`) VALUES ('1','1','Problem #1','https://enginerayprojectstack-engineraybucket2b983bf9-9flhu9hi3w15.s3.us-east-2.amazonaws.com/demo.mp4','10/04/2023 17:06:16'), ('2','1','Problem #2','https://enginerayprojectstack-engineraybucket2b983bf9-9flhu9hi3w15.s3.us-east-2.amazonaws.com/demo.mp4','13/04/2023 17:06:16'), ('3','1','Problem #3','https://enginerayprojectstack-engineraybucket2b983bf9-9flhu9hi3w15.s3.us-east-2.amazonaws.com/demo.mp4','13/04/2023 17:06:16')

1. **Create admin table:**

CREATE TABLE admin(

adminID int NOT NULL PRIMARY KEY,

admin\_name varchar(255) NOT NULL)

1. **Insert demo data into admin table:**

INSERT INTO `admin`(`adminID`, `admin\_name`) VALUES ('1','Ada Smith')

1. **Create mock\_interview table:**

CREATE TABLE mock\_interview(

mock\_interviewID int NOT NULL AUTO\_INCREMENT,

engineerID int NOT NULL,

adminID int NOT NULL,

date varchar(255) NOT NULL,

time varchar(255) NOT NULL,

status varchar(255) NOT NULL,

zoom\_link varchar(255) NOT NULL,

result varchar(255) ,

PRIMARY KEY(mock\_interviewID),

FOREIGN KEY (engineerID) REFERENCES engineer(engineerID),

FOREIGN KEY (adminID) REFERENCES admin(adminID));

1. **Insert demo data into mock\_interview table:**

INSERT INTO `mock\_interview`(`mock\_interviewID`, `engineerID`, `adminID`, `date`, `time`, `status`, `zoom\_link`, `result`) VALUES ('1','1','1','03/03/2023','10:30','Interviewed','https://us02web.zoom.us/j/81583494267?pwd=enhkdUdDbXF1RUpIajFtYmJkdFEyUT09','Passed'),('2','1','1','09/03/2023','13:00','Interviewed','https://us02web.zoom.us/j/81583494267?pwd=enhkdUdDbXF1RUpIajFtYmJkdFEyUT09','In Process'),('3','1','1','13/03/2023','11:45','Scheduled','https://us02web.zoom.us/j/81583494267?pwd=enhkdUdDbXF1RUpIajFtYmJkdFEyUT09','N/A')

1. Select mock interview data and display in “my\_mock\_interview\_eng.php”

SELECT a.admin\_name AS interviewer, m.date AS date, m.time AS time, m.zoom\_link AS zoom\_link, m.status AS status, m.result AS result FROM admin a, mock\_interview m

WHERE m.engineerID='$engineerID' AND a.adminID=m.adminID;

1. **Create interview table:**

CREATE TABLE interview(

interviewID int NOT NULL AUTO\_INCREMENT,

companyID int NOT NULL,

engineerID int NOT NULL,

adminID int NOT NULL,

occupation varchar(255) NOT NULL,

date varchar(255) NOT NULL,

time varchar(255) NOT NULL,

status varchar(255) NOT NULL,

zoom\_link varchar(255) NOT NULL,

result varchar(255),

company\_feedback varchar(255),

engineer\_feedback varchar(255),

mock\_interviewID int,

PRIMARY KEY(interviewID),

FOREIGN KEY (companyID) REFERENCES company(companyID),

FOREIGN KEY (engineerID) REFERENCES engineer(engineerID),

FOREIGN KEY (adminID) REFERENCES admin(adminID),

FOREIGN KEY (mock\_interviewID) REFERENCES mock\_interview(mock\_interviewID))

);

1. **Insert demo data into interview table:**

INSERT INTO `interview`(`interviewID`, `companyID`, `engineerID`, `adminID`, `occupation`, `date`, `time`, `status`, `zoom\_link`, `result`, `mock\_interviewID`) VALUES ('1','223','1','1','Programmer','23/03/2023','11:00','Interviewed','https://us02web.zoom.us/j/81583494267?pwd=enhkdUdDbXF1RUpIajFtYmJkdFEyUT09','Passed','1');

INSERT INTO `interview`(`interviewID`, `companyID`, `engineerID`, `adminID`, `occupation`, `date`, `time`, `status`, `zoom\_link`, `result`, `mock\_interviewID`) VALUES

('2','223','1','1','Architect','24/04/2023','15:30','Scheduled','https://us02web.zoom.us/j/81583494267?pwd=enhkdUdDbXF1RUpIajFtYmJkdFEyUT09','N/A','2')

1. Select interview data from interview table:

SELECT c.company\_name AS interviewer, i.interviewID AS interviewID, i.occupation AS occupation, i.date AS date, i.time AS time, i.zoom\_link AS zoom\_link, i.status AS status, i.result AS result, i.engineer\_feedback AS feedback

FROM company c, interview i

WHERE i.engineerID='$engineerID' AND .companyID=i.companyID;