

1. We want to create a folder structure
  - a. Add following folders
    - i. Databaseconfig --- to do the database connection
    - ii. Controller--→ business logic for every route
    - iii. Router--→ getting url and call appropriate function from controller
    - iv. Public--→ it contains clientside code
    - v. Views--→all dynamic vies(.ejs files) will be in views
    - vi. Middleware--→ any extra logic will be in middleware
2. Create package.json  
D:/expressdemos/expressloginapp>npm init -y
3. Install all the required modules  
D:/expressdemos/expressloginapp>npm install express mysql2 bcrypt express-session ejs body-parser
4. Create database expressdb and create myusers table to store uid, uname, email,password,role

```
create database expressdb
```

```
mysql> use expressdb
```

```
mysql> create table myusers(uid int primary key auto_increment,  
    uname varchar(20), email varchar(20), password varchar(200),role varchar(20));
```

```
insert into myusers values(1,'user1','user1@gmail.com','user1pass','user')
```

```
create table myproducts(pid int primary key,  
    -> pname varchar(20),  
    -> qty int,  
    -> price double(9,2),  
    -> mfgdate date);
```

```
insert into myproducts values(11,'chair',34,4567,'2025/11/01');  
insert into myproducts values(13,'shelf',56,2567,'2025/11/03');
```