

Launching an application typically involves setting up a server environment, running the server-side code, and then executing the client-side code:

Start XAMPP:

1. Open the XAMPP Control Panel.
2. Start the Apache server by clicking the "Start" button next to Apache.
3. Start the MySQL server by clicking the "Start" button next to MySQL.

Create a database named 'crud'

Create the following tables under the 'crud' database:

Table 1:

```
CREATE TABLE applicationdata (  
    name VARCHAR(255) NOT NULL,  
    email VARCHAR(255) NOT NULL,  
    previousTA VARCHAR(255),  
    previousTADetails TEXT,  
    courses TEXT,  
    resume BLOB,  
    applicationStatus VARCHAR(50) DEFAULT NULL,  
    administratorNotify VARCHAR(50) DEFAULT NULL  
);
```

Table 2:

```
CREATE TABLE courses (  
    courseCode VARCHAR(10) ,  
    Professor VARCHAR(255),  
    classMode VARCHAR(50),  
    courseName VARCHAR(255),  
    prerequisites TEXT  
);
```

Table 3:

```
CREATE TABLE login (  
    email VARCHAR(255) UNIQUE NOT NULL,  
    password VARCHAR(255) NOT NULL,  
    name VARCHAR(255),  
    usertype VARCHAR(50)  
);
```

Table 4:

```
CREATE TABLE taperformance (  
    Name VARCHAR(255) NOT NULL,  
    TeachingEffectiveness INT,  
    StudentInteractionAndSupport INT,  
    GradingAndAssessment INT,  
    PreparationAndOrganization INT,  
    ProfessionalismAndCollaboration INT,  
    Adaptability INT,  
    KnowledgeAndExpertise INT  
);
```

Run Client-Side Code:

```
PS D:\TA_HUB> cd client
```

```
PS D:\TA_HUB\client> npm run dev
```

Run Server-Side Code:

```
PS D:\TA_HUB> cd server
```

```
PS D:\TA_HUB\server> npm run dev
```

Type URL: <http://localhost:3000/loginPage>