Banking App

- This App is like your ATM card and you use ATM cards in your daily life built using React, TypeScript, TailwindCss, Node.js, and MySQL.
- It enables users to carry out a number of banking tasks, including monitoring account balances, making deposits and withdrawals, and moving money across accounts.

Features

- User authentication: To access their accounts, users must register and log in to the system.
- Account management: Users are able to see information about their accounts, such as the balance and transaction history.
- Cash withdrawal: Depending on their available balances, users may take cash out of their accounts.
- Cash deposit: By indicating the amount, users can make cash deposits into their accounts.
- Transaction history: A history of the users' previous transactions is viewable.

Technologies Employed

- React is a JavaScript package used to create user interfaces.
- Tailwind CSS is a utility-first CSS framework that helps designers create bespoke designs quickly.
- Node.js is a server-side programming environment for JavaScript.
- MySQL is a relational database management system that is freely available.

Required conditions

- Make sure you have the following installed before launching the application:
- Node.js: Get Node.js here
- MySQL: Get the MySQL software
- Establish a MySQL database:
- Launch a MySQL client tool or the MySQL command line.
- To construct the necessary tables and the database, run the following commands:

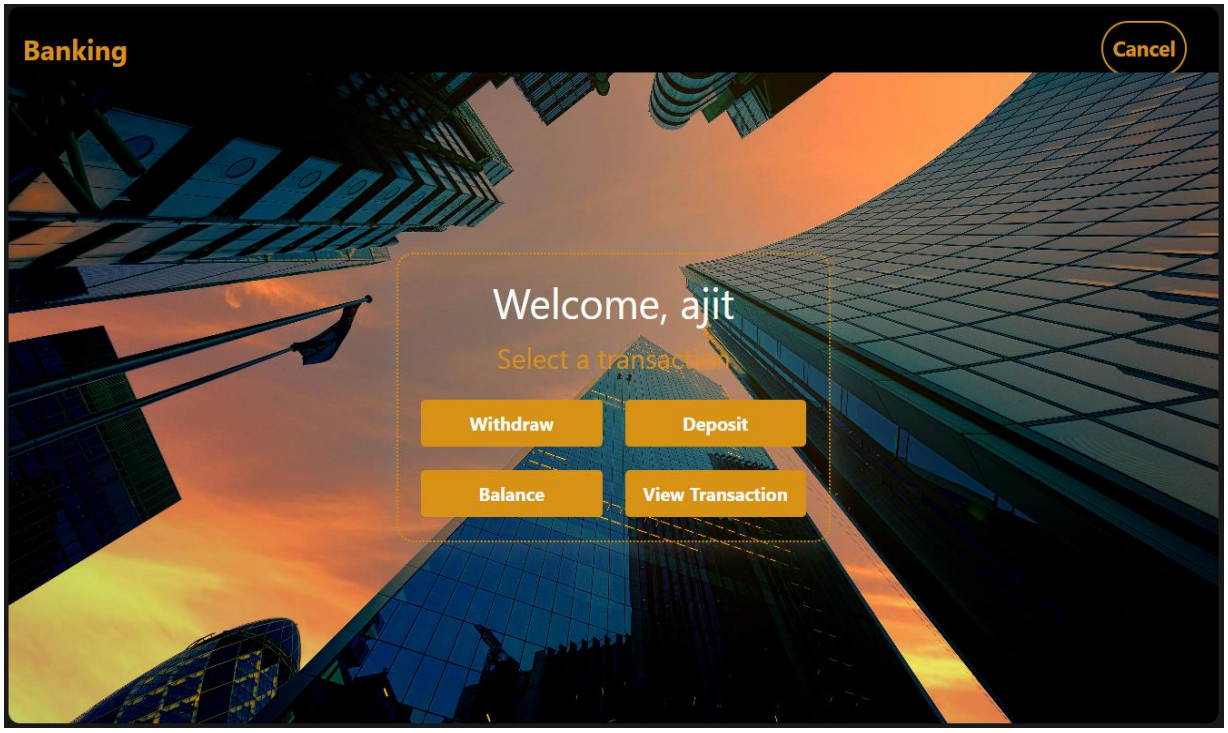
```
Create Database BankCard;


CREATE TABLE User (
   accno INT PRIMARY KEY,
   name VARCHAR(255),
   ifsc VARCHAR(255),
```

```
    address VARCHAR(255),
    phoneno VARCHAR(255),
    age INT
);

CREATE TABLE Card (
    cardno INT PRIMARY KEY,
    accno INT,
    acctype VARCHAR(255),
    name_card VARCHAR(255),
    pin VARCHAR(255),
    bankname VARCHAR(255),
    expiredate DATE,
    cvv INT,
    balance DECIMAL(10, 2),
    FOREIGN KEY (accno) REFERENCES User(accno)
);

CREATE TABLE Transaction (
    transid INT PRIMARY KEY AUTO_INCREMENT,
    cardno INT,
    transtype VARCHAR(255),
    amt DECIMAL(10, 2),
    date DATE,
    time TIME,
    FOREIGN KEY (cardno) REFERENCES Card(cardno)
);
```

- Or You can create database manually using MySQL Workbench

Application

- Enter your username and password to create a new user account.
- Enter your registered login information to log in.
- Investigate the choices accessible in the system, including checking transaction history, making transactions, and seeing account details.
- Execute different tasks such as taking out cash, depositing cash, and transferring funds as required.
- When you're done using the system, log out.


Banking
Cancel
Welcome, ajit
Select a transaction
Withdraw
Deposit
Balance
View Transaction