1. **Modules:**

* express
* mysql2
* pug
* body-Parser
* csvtojson
* csv
* cookie-parser

1. **Routes:**

// create tables

app.get('/createUsers',createDB.createUsers);

app.get('/createPlaces',createDB.createPlaces);

app.get('/createRates',createDB.createRates);

// show tables

app.get('/showAllUsers',createDB.showAllUsers);

app.get('/showAllPlaces',createDB.showAllPlaces);

app.get('/showAllRates',createDB.showAllRates);

// drop tables

app.get('/dropUsersTable',createDB.dropUsersTable);

app.get('/dropPlacesTable',createDB.dropPlacesTable);

app.get('/dropRatesTable',createDB.dropRatesTable);

// insert into tables

app.get('/insertIntoUsers',createDB.insertIntoUsers);

app.get('/insertIntoPlaces',createDB.insertIntoPlaces);

app.get('/insertIntoRates',createDB.insertIntoRates);

// create and drop all tables together

app.get('/createAllTables',createDB.createAllTables);

app.get('/dropAllTables',createDB.dropAllTables);

1. **Syntax of creating tables:**

* **Create Users:**

var Qc1 = `CREATE TABLE IF NOT EXISTS USERS (

first\_name VARCHAR(255) NOT NULL,

last\_name VARCHAR(255) NOT NULL,

username VARCHAR(255),

email VARCHAR(255) NOT NULL,

password VARCHAR(255) NOT NULL,

PRIMARY KEY (username, email)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;`;

* **Create Places:**

var Qc2 = `CREATE TABLE IF NOT EXISTS PLACES (

place\_name VARCHAR(255) NOT NULL PRIMARY KEY,

street\_name VARCHAR(255) NOT NULL,

street\_number VARCHAR(255) NOT NULL,

city VARCHAR(255)NOT NULL,

google\_site VARCHAR(255) NOT NULL,

openHSunThur TIME DEFAULT '00:00:00' NOT NULL,

closeHSunThur TIME DEFAULT '00:00:00' NOT NULL,

openHFri TIME DEFAULT '00:00:00' NOT NULL,

closeHFri TIME DEFAULT '00:00:00' NOT NULL,

openHSat TIME DEFAULT '00:00:00' NOT NULL,

closeHSat TIME DEFAULT '00:00:00' NOT NULL,

contact\_number VARCHAR(15) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8;`;

* **Create Rates:**

var Qc3 = `CREATE TABLE IF NOT EXISTS RATES (

place\_name VARCHAR(255) NOT NULL,

cleanliness INT NOT NULL,

FQuality INT NOT NULL,

SQuality INT NOT NULL,

VForMoney INT NOT NULL,

review VARCHAR(255)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;`;