

Assignment 6 (100 Points)

Objective:

The goal of this assignment is to help you become proficient with Mongoose by extending our application.

Step 1: Setup NoSQL instance

- Set up a mongodb instance in the cloud using the guide [here](#).
- Use connection string to establish a connection to the DB
- Optional : use `load-env` package to load environment variable from `.env` file and use `process.env.CONNECTION_STRING` to establish connection

Step 2: Create a `User` model that will be used to store user data in the `model.js`.

The user model should have the following properties:

- `username` : string
- `firstName`: string
- `lastName`: string
- `email`: string
- `password`: string
- `profileImage`: string
- `isLoggedIn`: boolean

Step 3: Export the created user model using `module.exports`

Step 4: Import the exported user model in `server.js`

Step 5: Update the `POST /sign-up` endpoint to create a new record in database with properties described above.

- When receiving a request you must create a new record in the database with the following information
- Request object will contain properties in following format

```
{
  "username": "testuser",
  "firstName": "Test",
  "lastName": "User",
  "email": "test@test.com",
  "password": "123456",
  "profileImage": "https://placeholder.co/300?text=T",
}
```

- You must set `isLoggedIn` to `false` before storing the data in the DB.

Step 6: Update the `POST /login` endpoint to authenticate the User

- First get the record of user that matches the username provided in the request object.
- Check the password from request object against the one stored in the database
- If the passwords match then update the entry of the same user in the DB by setting the `isLoggedIn` to `true` and redirecting to `/home`
 - Note: redirection might not work because auth middleware uses the local DB and is not linked with mongodb database.
- If they do not match then redirect to `/login` again.