Assignment 9

Sarah Application

Models:

- Define a user model containing a username, email, password, and OTP.
- Define a massage model containing a content, receiverId.

Implement User Registration and Authentication

1. User Registration:

   - Create an endpoint for user registration.

   - check email existence.

   - Hash user passwords before storing them in the database.

2. User Login:

   - Create an endpoint for user login.

   - Authenticate users and generate JWT tokens.

3. Token Verification Middleware:

   - Implement middleware to verify JWT tokens and protect routes

Create CRUD Operations for massages

1. add message:

    - Create an endpoint to add a new message.

2. Read messages:

    - Create an endpoint to retrieve all messages for the authenticated user.

    - Ensure only authenticated users can get their messages.

3. Delete message:

    - Create an endpoint to delete a specific message.

    - Ensure only authenticated users can delete their messages.

NOTE: must apply validation, error handling, send email