Application requirements

Application User

1. User new account (unique email address)
   - Account verification (verify email address)
   - User profile image
   - User details (name, email, position, bio, phone, address, etc)
   - Being able to update user detail information
2. User reset password (without being logged in)
   - Password reset link should expire within 24 hours
3. User login (using email and password)
   - Token based authentication (JWT Token)
   - Refresh token seamlessly
4. Brute force attack mitigation (account lock mechanism)
   - Lock account on 6 failed login attempts
5. Role and Permission based authentication (user phone number)
6. Two-factor authentication (using phone number)
7. Keep track of user activities (login, account change, etc)
   - Ability to report suspicious activities
   - Tracking information
     - IP address
     - Device
     - Browser
     - Date

Customers

1. Customer Information
   - Manage customer information(name, address, etc)
   - Customer can be a person or an institution
   - Customer should have a status
   - Customer will have invoices

- Print customers in spreadsheet

2. Search customers

- Be able to search customers by name

- Pagination

Invoices

1. Manage invoices

- Create new invoices

- Add invoices to customer

- Print invoices for mailing

- Print invoices in spreadsheet

- Download invoices as PDF