

## 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