

1. Basic requirement

a. User roles

There are two kinds of users: Administrator and Normal User

b. User behaviors

Administrator:

Login as admin, manage normal user, and other normal user's operations.

Normal Users:

Login, view and edit profiles, manage notes, manage files

c. Authority system

1). Administrator can add or delete Normal Users, edit Normal User's authority

2). Normal User can set up the readability of his/her own file

d. Views

1). Login view

2). Home page (same page with different modules, like zeeHive)

2. Technical design

a. Technology stack :

Asp.net MVC 4.0+ Entity Framework 6.0 + IOC(Unity4.0) + EasyUI 1.3

b. Main structure :

3 Layer design:

Top Layer : View(UI)

Middle Layer: Controller(Business Layer and Data Access Layer)

Bottom Layer: Models

c. Development environment:

Database : sql server 2012

Visual studio 2012

3. UI Design

Header	
Navigation Menu	
	Main Panel with Tabs (like browser)