**Project 2: BitBook**

Social networking is a way for one person to meet up with other people using internet. Some people use social networking sites for meeting new friends. Other's use it to find old friends. There are almost 2.3 billion people actively use social media for sharing their ideas with others.

Your challenge is to develop a social networking web application like Facebook, which we mention here as ***BitBook***.

**Technology stack:**

ASP.Net MVC.

MS SQL Server.

EF and Code First are optional. You can apply your own style.

## Desired features of BitBook Social Networking have been listed below:

1. **BitBook User Registration (Traditional way):** As a user, I want to create an account to the BitBook with my email address so that I can create a profile.

*Hint: It is as normal login page. Instead of typical user id, we want email here. Password and Retype password feature must be incorporated.* ***Optional:*** *An Email should be sent to the given email address for confirmation*

1. **BitBook User Login (Traditional way):** As a user, I want to log in to the BitBook using my email and password.

*Hint: After successful logged in, timeline (see how Facebook show its timeline) should be shown.*

1. **User logout:** As a user, I want to logout from BitBook so that no one can use my account from that computer.

*Hint: Check it carefully. Suppose, after logout, I will press back button of browser and see what will happen*

1. **Add and Edit Basic Information:** As a user, I want to add and edit some basic information about me so that others can see that information and find me.

*Hint: Basic information includes: Profile photo, Cover Photo, Name, About, Area of interest, Location (City, country),Experiences, Education, Gender, etc .*

1. **Search people:** As a user, I want to search other people by name so that I can send them friend request.

*Hint: See how Facebook works for it.*

1. **View Friend Request:** As a user, I want to the list of friend requests with profile pic and accept or reject feature.
2. **Unfriend a friend:** As a user, I want to unfriend a friend so that I do not see his post and he or she does not see mine.
3. **Change Profile Photo:** As a user, I want to upload my profile photo so that my friends **get notified and see my photo in their timeline**.
4. **Change Cover Photo:** As a user, I want to upload my cover photo so that my friends **get notified and see my photo in their timeline**.
5. **Update status:** As a user, I want to post text or photo so that my friends can **see them in their timeline.**
6. **Remove post:** As a user, I want to remove/delete my post so that my friends do not see them.
7. **Like a post:** As a user, I want to like my friends post (text or photo) so that he or she sees I liked his post and get notified.

*Hint: See it in Facebook.*

1. **Comment a post**: As a user, I want to comment my friends post (text or photo) so that he or she sees I comment on his post and see it in notification.

*Hint: See it in Facebook.*

1. **View number of like:** As a user, I want to see the number of likes on each of the post including mine on my feed so that I know how popular they are.
2. **View friend list who liked specific post:** As a user, I want to see list of friends who liked my specific post so that I can understand who likes what.
3. **View Friend list:** As a user, I want to see a list of all my friends with their profile picture.

*Hint: Comments and like should be displayed like Facebook.*

1. **Navigate profile:** As a user, I want to click on my friends name displayed anywhere, so that I can easily navigate his/her profile.
2. **User Registration (using Google Account):** As a user, I want to create an account to the BitBook with my Google account so that I can create a profile.

*Hint: It’s a bit hard. So, initially you should skip this. After completion of some other important features, you can start work with this.*

1. **User Login (using Google Account):** As a user, I want to log in to the BitBook using my Google Account.

*Hint: After successful logged in, initially timeline (see how Facebook show its timeline) should be shown.*

1. **Change Password:** As a user, I want to change my password in BitBook so that I can use the new password for future login.

**Story-wise Scoring**

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| --- | --- | --- |
| **SL** | **Story** | **Score** |
| 1 | BitBook User Registration (Traditional way) | 1.5 |
| 2 | BitBook User Login (Traditional way) | 1 |
| 3 | User logout | 1.5 |
| 4 | Add and Edit Basic Information | 2 |
| 5 | Search people | 2 |
| 6 | View Friend Request | 2 |
| 7 | Unfriend a friend | 1 |
| 8 | Change Profile Photo | 1 |
| 9 | Change Cover Photo | 1 |
| 10 | Update status | 1.5 |
| 11 | Remove post | 1 |
| 12 | Like a post | 2 |
| 13 | Comment a post | 2 |
| 14 | View number of like | 2 |
| 15 | View friend list who liked specific post | 2 |
| 16 | View Friend list | 2 |
| 17 | Navigate profile | 2.5 |
| 18 | User Registration (using Google Account) | 0.5 |
| 19 | User Login (using Google Account) | 0.5 |
| 20 | Change Password | 1 |
|  | **Total** | **30** |