# Project Milestone 2

**Project Features List:**

1. **Login Page**
   a. The login page will be a simple yet elegant page where users can enter their email and password in order to gain access to the full LivBoulder website and their account. We are also considering building a "Forgot Username or Password?" feature for any users how can't remember their credentials.

2. **Signup Page**
   a. The signup page will be the location where new users can enter information in order to register an account with LivBoulder. Or goal is to allow users to sign up quickly with minimal information required, and so we will simply ask for a Username, Password, Email Account, and Full Name.

3. **Recommendation Quiz**
   a. The recommendation quiz will be an essential part of the LivBoulder website. Users will be asked to take a 15-20 question quiz consisting of Yes/No questions. We will use these questions to match users up with activities in the Boulder area that we believe they would enjoy.

   The goal is for this page to be quick yet thorough; we want users to be able to jump right into finding activities, but we need to ensure that the activities we present them with are suitable to their liking.

4. **Profile Page**
   a. The profile page will be a place where users of LivBoulder can express themselves and show of some of the activities that they have completed since signing up for LivBoulder. It will consist of a profile picture that can be uploaded by the user, descriptions of the user (things like a bio, birthday, etc), and a list of activities that they have completed.

   Because this page is not essential to our website and is more of a "nice-to-have" addition, we plan to develop it more towards the end of the project, with the ability to drop this page if necessary.

5. **Home Page**

a. The home page will be the first page that users see when they access the LivBoulder website. For this reason, it is essential that the home page in both inviting and attractive.

   We plan for the home page to have an "About Us" section, a "Vision Statement" section, and a "Why LivBoulder?" section.

6. **Recommendations Page**
   a. The recommendations page will be the location where users can see their recommended activities after completing the recommendation quiz. We hope for each activity to have an attractive picture as well as a snazzy description to help convince users that this is an activity that needs to be added to their Boulder bucket list.

7. **Ratings for Activities**
   a. Users will have the ability to rate each activity they complete. We are still working out which system we would like to implement; a "Star" system, a "1-5" system, or a "Thumbs-up, thumbs-down" system.

8. **Lists of "Things I Want to Do" vs. "Things I've Done"**
   a. Because there are so many amazing activities to do in Boulder, and because we expect that our users are trying to complete as many of these activities as possible, we will create two lists where they can store this information. This is also where the ratings system will be held, it is where we will pull information from as a part of the profile page.

## Functional Requirements

| Feature | Functional Requirements | Non-functional Requirements |
|---|---|---|
| *Login Page* | ● Users can access their credentials <br> ● Users can gain access to their account | ● Must be easy to use <br> ● Must be secure and protect users' information |
| *Register Page* | ● Users can create credentials they would | ● Must be quick and easy to use so as not to |

| | | |
|---|---|---|
| | like to associate with their account<br>● Users can create an account | deter people from signing up<br>● Must be secure and protect users' information |
| *Recommendation Quiz* | ● Users will be able to answer "Yes/No" questions that they are asked.<br>● Users' responses will be stored in a database for future use | ● Must utilize simple but in-depth questions so as to ensure users are paired with the correct activities<br>● Must be attractive and have a good user-experience<br>● Must be quick |
| *Profile Page* | ● Users can change their profile image by uploading one of their own<br>● Users can write descriptions about themselves<br>● Users can view activities that they have completed | ● Must be attractive<br>● Must be customizable to give users a sense of uniqueness<br>● Must be fun to work with and fun to view |
| *Home Page* | ● Users can view information about LivBoulder and why the website was created | ● Must sell our idea to users<br>● Must convince users that we are a useful website<br>● Must be attractive yet simple |
| *Recommendation Page* | ● Users will be able to see recommended activities based on the | ● Must accurately utilize information from our database |

| | | |
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| | answers to the quiz that was compared to our database<br>● Users will be able to view ALL recommended activities, and not just a selection | ● Must be attractive so as to convince users that activities are worth their while<br>● Must have the capability to display ALL recommended activities. |
| *Ratings* | ● Users will be able to rate activities on either a star basis, a scale basis, or a thumbs-up, thumbs-down basis | ● Must be intuitive<br>● Must be easy to use<br>● Must be quick to use |
| *"Things I've Done" / "Things I Want to Do"* | ● Users will be able to move activities between lists<br>● Users will be able to easily read the lists to determine activities they've done or activities they want to do | ● Must be able to display a large selection at any given time<br>● Must be attractive<br>● Must be ordered by rating |

**Project Plan:**

| *Feature* | *Sprint Number* | *Due Date* | *Project Roles* |
|---|---|---|---|
| Home Page | 1 | March 28 | ● Brenda = head of front-end<br>● Help from Ryan, Travis, Grey |
| Login Page | 1 | March 28 | ● Brenda = head of front-end<br>● Yang = SQL integration |
| Registration Page | 1 | March 28 | ● Brenda = head of front-end<br>● Yang = SQL integration |

| | | | |
|---|---|---|---|
| Recommendation Quiz | 1 | March 28 | • Brenda = head of front-end<br>• Yang = SQL integration<br>• Ryan, Grey, Travis = Quiz questions, research, extra help where needed |
| Recommendation Page | 2 | April 12 | • Brenda = head of front-end<br>• Yang = SQL integration<br>• Ryan, Grey, Travis = Help with integration between front and back end |
| Ratings | 2 | April 12 | • Brenda = head of front-end<br>• Yang = SQL integration |
| Profile Page | 3 | | • Brenda = head of front-end<br>• Yang = SQL integration<br>• Ryan, Grey, Travis = Help with integration between front and back end |

We are mixing a waterfall / agile development method. While we would like to have each sprint finished before finishing the next one, we understand that we will have to be fairly flexible within the sprints themselves. This is why we have allocated Brenda as the head of front-end development, Yang as the head of SQL, and Ryan, Travis, and Grey as helpers where they are needed. For example, Brenda may need help creating a navigation bar on the home page while

Yang needs help building a database to store login information, and Ryan, Travis, and Grey can allocate their help to each by splitting up. Furthermore, because Ryan, Travis, and Grey will see all aspects of the project, they will also be able to work on the integration layer more effectively.

We also note that the profile page is not an essential part of our project, which is why it is the last task we plan to work on. Should other aspects of the project require more time, we can cut the profile page without much of a decline in the quality of the overall project.