**R1: User login**

R1.1 Username/password necessary to login.

R1.2 If username/ password incorrect, popup ‘username or password are incorrect’.

R1.3 Password recovery is done through email, the expected password is sent to the email linked to the user’s account.

R1.4 The user will be locked out (account can’t be accessed) after 7 failed attempts, this will last for 15 minutes. After that the use has 7 attempts to log in again before another lockout.

R1.5 After 7 minutes of not using the application (no user input), the application logs the user out.

**R2: Account creation**

R2.1 Anyone with an email address that is not already linked to an account can create an account.

R2.2 To create an account, user enters First Name, Last Name, email, unique username, and password (twice—make sure it matches)

R2.3 Upon creation, before login, the user must confirm (verify) email. The process takes place as follows:

1. A code is sent to their email
2. Upon attempted (first) login, until they the correct email verification code, they can’t finish the login.

**R3: Home Page**

R3.1 Upon successful login, go to home page

R3.2 The home page consists of two main parts:

1. Posts you made, and posts from people/ hashtags you follow
2. Posts you like

R3.3 A logout button is visible, that returns the user to the login page.

R3.4 The Home page is accessible from anywhere in the site once logged in.

**R4: Searching**

R4.1 Available only on the homepage.

R4.2 Search requires specification of the search term (name, username, or hashtag), this is done using a dropdown menu.

R4.3 Hashtags, usernames, First/ Last Names are searchable (Plain text is not)

R4.4 If searching with an empty string, every user is listed out in alphabetical order by username.

R4.5 Search always covers entire site.

**R5: Sorting**

R5.1 Default sorting for posts is chronological order.

R5.2 Default sorting for hashtags and users is alphabetical sorting.

**R6: Following**

R6.1 A user can follow users and hashtags.

R6.2 When clicking on a username, the application will go to a page where their posts are displayed. A button next to their username called follow will allow them to follow the user.

R6.3 If you are on another user’s page and are already following them, the follow button will instead say unfollow, and will make it so their posts no longer show up on the main page.

R6.4 You cannot follow yourself. If viewing your own page the follow button does not appear.

R6.5 Following users makes their posts show on the main page by most recent post.

R6.6 Following hashtags makes posts with that hashtag show in the main page by most recent post.

R6.7 If another user is following your user account, you can see who is following you by username.

**R7: Liking**

R7.1 A user can like posts only.

R7.2 Liked posts show up on the home page in the favorites section.

R7.3 Every post will show how many likes it has as a non negative integer.

R7.4 A user can unlike a post after they like it. This is done by changing the like button to an unlike button.

**R8: Posting**

R8.1 Users can write ASCII text into a text box up to 200 characters.

R8.2 A post button will accept the input and store it on the database as one of their posts.

R8.3 Links are allowed to be posted but will not be converted into hyperlinks.

R8.4 A character counter will be shown next to the text box that indicates the number of characters remaining before the user meets the 200 character limit.

R8.5 When the user has 200 characters in the text box and attempts to type more, the application will not allow more characters to be added, the user can delete.

**R9: Hashtags**

R9.1 Any consecutive string of characters except space after the character “#” will be considered a hashtag.

Ex: #ethnic\_cuisine (hashtag is “ethnic\_cuisine”)

#ethnic cuisine (hastag is “ethnic”)

R9.2 There can be multiple hashtags per post.

R9.3 When displaying posts, the hashtag will be shown in bold.

**R10: Blocking**

R10.1 A block is the action of having another user unfollow you.

R10.2 A block is a one time action; the user can refollow you again.

R10.3 A user can block another user by navigating to their account settings page and clicking a block button next to the user who is indicating as following them.

**R11: Account Settings**

R11.1 A user will be able to view their account information. This information will include their username, email address, and a list of who is following them.

**R12: Replying**

R12.1 A user can reply to a post. This will show up as a comment below the original post.

R12.2 All replies will show up in most recent order below the original post.

R13.2 Only the original post can be liked.