R1: Users will be able to login

R1.1 Username/password necessary

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

R6.3 Following hashtags makes posts with that hashtag show in the main page by most recent post.

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

R9: Hashtags

R10: Blocking