INDIVIDUAL ASSESSMENT (Iteration 1)

Author: KAMRUN
Task name: Sign up to app
Task description: It is the very first module for this app. This task is to provide user an interface to register this app, read it-later. At the beginning the sign up view page will be there .
User will be able to fill his/her information like: name, email, username and password. It will create an account for user in this app.
Evaluation :

1. There will be a view page containing form to sign up
2. It must contain text field to insert required information.
3. Each field should have required validation
4. After submitting all information it should redirect to app login page.
5. All data should be stored in database successfully.

Task name: Log in to app
Task description: This task is to give user access to app.User can login using username and password.
Evaluation :

1. A view page should be there .
2. It should contain form to enter username and password.
3. Username and password should have proper format .
4. Validation should be there for each input.
5. Submit to this page should redirect to home page of this ap

Task name: Logout from app
Task description: purpose of this task is to give user a way to logout from app, read it later . It will be in navigation bar, for each page so that user can logout any time.
Evaluation :
 1. Clicking logout option should take user out of app.
 2. It should be working for each page in app.
3. User should redirect to login page .

Author: SOUMYA

1)**Task name**: Create Read it later home page.

Task description: This task involves creating the home page of read it later which is exactly as shown in UI sketch. Its subtasks are:-

Subtask 1 :Adding route for this view
Subtask 2 :Adding controller action for this view
Subtask 3: Adding the new view page.

Evaluation: The instructor should be able to find a user friendly homepage of app which has
  i) A well organized and aligned list of links along with their short descriptions.
  ii) Check if each item of this list is composed of
     The title of the link
     The author of the link
     A number indicating how many comments there are for the link.
     A number indicating the rating of the link
     The date when the author published the link
     A button/link to report the posted link, delete the link
     A button for publishing link
     Two buttons to sign up and login the page.
     Button to comment and rate the link.
  iii)In the navigation bar, there should be an option for searching the required link by typing the title.

2) **Task name**: Create "Link" model class

Task description: This task involves creating the main model class ie "Link" essential for our app.Its subtasks are:

Subtask 1: Creating the model class using Scaffold
Subtask 2: Adding validations to this class
Subtask 3: Writing and running unit tests for each attribute of the class(Title, description, Url, level).

Evaluation:The link model class should have validations for
i) Title -Title cannot be blank
ii) Description -Description cannot be blank and it should be no more than 30 characters.
iii) url -url must follow the general format of a basic HTTP or HTTPS URL (format)
iv) level -values of level can be only 1,2 or 3.

3) **Task name**: Open link

Task description: This task involves retrieving the URL of the link from database which is to be opened and navigating to the appropriate page for the link.

Evaluation: The instructor must be able to navigate to the correct and proper web page on clicking the link.Steps involved are:
i)Populate the database by seeding
ii)Go to the default page of the website
iii)Click the title of anyone of the items
iv)The webpage of the corresponding link should be shown

Author: Lijia Wang
1)   **Task Name**:
                Follow/unfollow users [User Story # 7,8; Priority: 20]

        Description:
                This function is like other social web-app. Allow users to follow the people they familiar with and interested.
                In our web-app, a new class called "followship" will be created. It will used to store the information which user is followed by which user. "Unfollow" function is the delete function in this class to remove the followship from the table.
                In our first demo, we want to show this function by click the "follow" button under one user. A follower list and a follow list will be shown correctly.
                The difficulty in this task is to decided how to create and save the followship data. Our first version of followship class can be found in the "Class Models.pdf" in MISC.
                This task involves create class, make association between two classes, modify controller and route, and creating new view page.

        Evaluation:
        a) Like other class, have the function "New/create" and "Delete" (No edit allowed), meaning user can add/delete the data.
        b) By click "follower" will show the list of user's follower.
        c) By click "follow list" will show the list of person following
        d) Can access other user's followers.
        e) Seed/test data available
        f) After unfollow A, no longer see A in your follow list but can see A in follower list.

        Outcome:
        ****   Due to the task assigned issue, [Profile class is not in 1st literature], this function only can be review only through the function [see links from followers]

i) can view the links from the user the current user follows.

2) **Task Name:**
Rate links [User Story # 14; Priority: 25]

Description:
To pop out one link out of hundreds of similar links, a rating system is applied to guide users to filter the information.
A thumb up and down rating system is applied. Thumb up will raise the rate by 1, thumb down decrease the rate by 1. Any new link will have 0 rate.
A new class call "Rate" will be created. It will be associated with "link" class.
"Rate" need to be associated with account [unplan]

Evaluation:
It should be checked after the function of "link" class.
a) Can add rate value to the table.
b) One user can only rate once.
c) No edit to the rate
d) No delete to the rate
e) User can not rate his own link

Outcome:
i) Can see the ratings at the beginning of the link [Display]
ii) Can see the button "Rate Up"/"Up" after login only
iii) One user can rate the link only once. The button will be disappear after one rate.
iv) Can see the new rating score after one user rating the link. (Refresh the page is required)

3) **Task Name:**
Sort links [User Story # 18; Priority: 25]

Description:
Either in the public page and profile page, there are too many links are available. To find out the useful links, the search and sort function is required.
In design, the search items include tags, title, and description of the link. To further filter the result, the search items will be sorted by higher rating scores and time (latest first).
The sort function will be embedded into the link class and search function.

Evaluation:
a) Can see the search results are sorted by rating and date

b) Sort links via other variable [unplan]

Outcomes:

i)   The searched link results will be sorted by the Created date. [Right now version]

Author: Lei Pi
Setup

There should be three accounts available for testing.
Test account 1:
      Username: test_user_lp_1
      Password: test_user_lp_12345
Test account 2:
      Username: test_user_lp_2
      Password: test_user_lp_12345
Test account 3:
      Username: test_user_lp_3
      Password: test_user_lp_12345
Account 1 & 2 are not following each other
Account 3 is following account 2

Tasks:

1) **Task name:** Links Page - Search the link [User story 10, Priority 20]
   Description:
   On top part of the default page, there should be a search bar where user can search links with keywords.
   Evaluation:
   Steps:
   a) Populate the database by seeding
   b) Go to the default page of the website
   c) Check if there is a search bar on top of the page
   d) Type in keyword "demo" and click "Search"
   e) Check if there are searched results shown.

2) **Task name:** Publish Page - share to all users [User story 12, Priority 20]
   Description:
   When publishing a link, the user can choose to share the link to all other users
   Dependence:
         [KAMRUN] Log in to app
         [KAMRUN] Log out from app
         [Lijia] Follow/unfollow users [User Story # 7,8; Priority: 20]
   Evaluation:
   Steps:
   a) Populate the database by seeding
   b) Go to the default page of the website
   c) Log in using account test_user_lp_1 / test_user_lp_12345
   d) Click the button "Publish"
   e) In the publish page, type in info of the link you want to share
   f) Check if there is an option for choosing whom to share

g) Choose "share with public"
h) Click "Publish"
i) Log out
j) Log in using account test_user_lp_2 / test_user_lp_12345
k) Check if there is the link shared by test_user_lp_1

3) **Task name:** Links Page - View links from followed users   [User story 24, Priority 20]
Description:
In the default page, the user can choose to view only the links shared by users he/she followed.
Dependence:
> [KAMRUN] Log in to app
> [Lijia] Follow/unfollow users [User Story # 7,8; Priority: 20]

Evaluation:
Steps:
a) Populate the database by seeding
b) Go to the default page of the website
c) Log in using account test_user_lp_3 / test_user_lp_12345
d) Check if there is a checkbox of "View only followed users"
e) Click the checkbox "View only followed users"
f) Check if only links shared by test_user_lp_2 are shown.

4) **Task name:** Publish Page - publish a link to followers [User story 13, Priority 25]
Description:
When publishing a link, the user can choose to share the link only to followers
Dependence:
> [KAMRUN] Log in to app
> [KAMRUN] Log out from app
> [Lijia] Follow/unfollow users [User Story # 7,8; Priority: 20]

Evaluation:
Steps:
a) Populate the database by seeding
b) Go to the default page of the website
c) Log in using account test_user_lp_2 / test_user_lp_12345
d) Click the button "Publish"
e) In the publish page, type in info of the link you want to share
f) Check if there is an option for choosing whom to share
g) Choose "share with followers"
h) Click "Publish"
i) Log out
j) Log in using account test_user_lp_3 / test_user_lp_12345
k) Check if there is the link shared by test_user_lp_2