



Iteration 2 - exemplar code, format it nicely too, include:

Listing A - This is the File Structure for our project

Listing B - FILENAME - Login

Listing C - FILENAME - Commenting

Report

Add bookmark

Edit bookmark

Admin stuff

Search bookmarks

Rating

Create Account

Suspend/unsuspend user

(ascending/descending)

(favourite)

(password check)

Html -

Favourites page

Dashboard

```

1 <head>
2 <title><%= h title %></title>
3 <!-- Required meta tags -->
4 <meta name="description" content="Bookmark application" />
5 <meta charset="utf-8" />
6 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no" />
7
8 <!-- Bootstrap CSS -->
9 <link rel="stylesheet" href="/css/bootstrap.min.css" />
10
11 <!-- Font Awesome -->
12 <link href="/css/fontawesome/all.min.css" rel="stylesheet" />
13 <!--load all styles -->
14 <link href="/css/fontawesome/brands.min.css" rel="stylesheet" />
15 <!--load all styles -->
16
17 <!-- Stylesheet CSS -->
18 <link rel="stylesheet" href="/css/style.min.css" />
19
20 <% if title == "Reset Password | Acme corp" %>
21 <!-- Password Reset CSS -->
22 <link rel="stylesheet" href="/css/changePassword.css" />
23 <% end %>
24 </head>
25

```

Listing - headinclude.erb - This is an erb that contains what would be in the header of most of our erbs, this is so that there is less code duplication.

Testing

```

1 Feature: register
2
3 Background: Simulating the process of new user registration
4
5 Scenario: Everything correct
6   Given I am on the "register" page
7   When I fill in "password" with "Password1!"
8   When I fill in "passwordConfirm" with "Password1!"
9   When I fill in "username" with "JohnSmith"
10  When I fill in "fname" with "John"
11  When I fill in "lname" with "Smith"
12  When I fill in "email" with "sampleemail@gmail.com"
13  When I pick "1" within "question"
14  When I fill in "answer" with "qwerty"
15  When I press "REGISTER"
16  Then I should see "Successfully created account!"
17
18 Scenario: Email blank
19   Given I am on the "register" page
20   When I fill in "password" with "Password1!"
21   When I fill in "passwordConfirm" with "Password1!"
22   When I fill in "username" with "JohnSmith"
23   When I fill in "fname" with "John"
24   When I fill in "lname" with "Smith"
25   When I pick "1" within "question"
26   When I fill in "answer" with "qwerty"
27   When I fill in "email" with ""
28   When I press "REGISTER"
29   Then I should see "Invalid email format"
30
31
32 Scenario: Email invalid
33   Given I am on the "register" page
34   When I fill in "password" with "Password1!"
35   When I fill in "passwordConfirm" with "Password1!"
36   When I fill in "username" with "JohnSmith"
37   When I fill in "fname" with "John"
38   When I fill in "lname" with "Smith"

```

Listing - features/register.feature Gherkin code for testing the registration process.

```

2
3 #Given steps
4 Given /^(?::I )am on (.+)$/ do |page_name|
5   visit path_to(page_name)
6 end
7
8 Given /^(?::I )am logged in?$/ do
9   visit path_to("login")
10   fill_in("email", :with => "smmalinowski@sheffield.ac.uk")
11   fill_in("password", :with => "Password1!")
12   find("button", :text => "LOGIN").click
13 end
14
15 #When steps
16 When /^(?::I )fill in "([\"]*)" with "([\"]*)"?$/ do |field, value|
17   fill_in(field, :with => value)
18 end
19
20 When /^(?::I )check "([\"]*)"?$/ do |field|
21   check(field)
22 end
23
24 When /^(?::I )pick "([\"]*)" within "([\"]*)"?$/ do |value, selector|
25   select_option(selector, value)
26 end
27
28 When /^(?::I )press "([\"]*)" within "([\"]*)"?$/ do |button, selector|
29   find(:tag => selector).find(:text => button).click
30 end
31
32 When /^(?::I )press "([\"]*)"?$/ do |button|
33   find("button", :text => button).click
34 end
35
36 When /^(?::I )press "([\"]*)" to save?$/ do |button|
37   find("button", :id => button).click
38 end
39
40 When /^(?::I )go to "([\"]*)"?$/ do |field|

```

features/ step_definitions/web_steps.rb - Ruby code for defining the steps to be used by each feature