

UHub

Sprint 2 Test Plan Document

**Format: Blackbox testing -> path testing (includes state testing).**

* **For each user story, have multiple common paths that the user will do**
  + **For example: login -> go to homepage -> go to piazza screen -> check a course**
* **For each path, test probably the 2 common cases (or more): success case , and failure case of the module you’re testing, and possible more. This is not “if a button works or not,” it is the variables of user input and/or environmental variables, like “if they have already added this friend before or not.”**
  + **Example: login -> homepage -> piazza -> check course that doesn’t exist**
  + **Example: login -> homepage -> piazza -> check course that does**
* **Each path should cover as many acceptance criteria as possible.**

**Example Test for the Responsive Design User Story:**

**Login -> home page -> manage account**

* **Screen width: 1366 px**
* **Screen width: 1920 px**
* **Screen width: 1280 px**

**User Story #1**

As a user, I would like to be able to manage my UHub account.

Login -> home page -> manage account -> change password

* Invalid password
* Valid password

Login -> home page -> manage account -> change email

* Invalid email
* Valid email

Login -> home page -> side page (todo, calendar) -> manage account -> change password/email

* Invalid password/email
* Valid password/email

Login -> home page -> manage account -> change password/email -> side page (todo, calendar)

* Invalid password/email
* Valid password/email

**User Story #2**

As a student, I would like to access my school email.

Login -> home page -> email page -> login

* Login success
* Login failure

Login -> home page -> any of the sidebar pages -> login

* Login success
* Login failure

Login -> home page -> email page -> login -> return to home page

* Login success
* Login failure

**User Story #3**

As a user, I would like to interact with a responsive design.

Login

* Screen width: 1366 px
* Screen width: 1920 px
* Screen width: 1280 px

Login -> home page

* Screen width: 1366 px
* Screen width: 1920 px
* Screen width: 1280 px

Login -> home page -> side pages (todo, calendar)

* Screen width: 1366 px
* Screen width: 1920 px
* Screen width: 1280 px

Login -> home page -> manage account

* Screen width: 1366 px
* Screen width: 1920 px
* Screen width: 1280 px

**User Story #4**

As a user, I would like to be able to “connect” with friends, that have an account on UHub.

Login->home page->”connect” page-> view all users

* View all users connected and potential connected users

Login->home page->”connect” page-> click button to connect to friend list

* Stay connected if friend is already “connected” and button is clicked again

**User Story #5**

As a student, I would like to have access to a personal to-do list.

Login->home page->todo page-> add task

* User puts input into taskbar before adding the task
* User puts nothing into taskbar and adds as task

**User Story #6**

As a student, I would like to have access to an interactive calendar/planner.

Login -> home page -> calendar -> add event

* Event with negative time
* Event with no title
* Event with correct syntax (positive time, title)

Login -> home page -> other pages -> calendar

* Event with negative time
* Event with no title
* Event with correct syntax (positive time, title)

Login -> home page -> other pages -> home page -> calendar -> home page

* Event with negative time
* Event with no title
* Event with correct syntax (positive time, title)

**User Story #7**

As a student, I would like access to a messaging board within Piazza.

Login -> Piazza

* If invalid login, will alert user

Login -> Piazza -> Add Note/Question

* Must have title, content, tag, and type of Post to post
  + Else, alerts user of missing info

**User Story #8**

As a student, I would like access Blackboard.

Localhost -> scrape -> login -> check output json file

* Json file should have the courses the user is taking
* It should only login if the username and password are valid

**User Story #9**

As a student, I would like to get real-time updates.

Login -> home page -> Piazza

Login -> home page -> Email

Blackboard

Login -> home page -> Calendar

Login -> home page -> any page (piazza, email, calendar) -> home page -> any page (piazza, email, calendar)

(No environment variables, as there is no input necessary to just view the information (

**User Story #10**

As a student, I would like to add events to my course calendar.

[tests included with Calendar User Story]