Test Document

Project: Homepage (tabdec)
Team: Handle.cs
URL: tabdec.com

• Test document

- **– Check into GitHub under separate file/directory**
- **– System test**
  - **• One or more scenarios to cover each user story**
    - **– Specific inputs, interaction, outputs**
    - **– Specify via text/and or UML**
- **– Unit test**
  - **• For each component**
    - **– E.g. class, package; db, controller, view;**
    - **– Equivalence classes of inputs**
    - **» E.g. valid email address**
    - **– Test cases selected covering classes**

System Test:

-As a user I want a website that can act as my homepage so I can access my home page.

-As a user I want to know what the website is about so I would know what I should expect from the website.

***Scenario:* The About page with information on what the site is about**

-As a user I want to know how to use the website so I can use it as my home page.

***Scenario:* A ‘Help’ page detailing questions customers may have**

-As a user I want to be able to sign in so I can access my home page.

***Scenario:* signing in with a username and password (over 8 characters long)**

-As a user I want to edit my login information so that I can change my username or password.

***Scenario*: changing username/password and deleting account**

-As a user I want my home page session to be private so no one can view my pages.

***Scenario:* having user authentication to user session**

-As a user I want to view my favorite websites so I can access it with a single click.

***Scenario*: Adding in a static or dynamic URL of my website**

-As a user I want to customize my websites so It would be “my” home page.

***Scenario*: resizing/rescaling boxes, editing dynamic box content**

-As a user I want to get rid of my websites so I can get rid of unwanted tabs.

***Scenario:* A trash can where you can delete website boxes**

-As a user I want to have my own background so it would feel more of my own page.

Scenario: I want to add my own background to decorate my homepage.

-As a user I want to contact the creators if there’s an issue so I can improve the website.

Scenario: A contact page with all the staff’s contact information

-As a user I want to pay the creators for their hard work so they get paid!!(not implemented)

Scenario: VIP access (no more ads! More space just for you!)

Unit Test:

URL Component
- -URL model/class
  - -Has URL link(string)
  - >>self parsed to have uniform storage convention for all URLs.
  - -Has image of the URL link(binary file)
- -URL database table
  - -Has all stored URLs
  - -Has all stored URL images.
  - -Has time stamps
- -URL controller
  - >>validates existence of URLs
  - >>creates the URL instance
  - >>stores the URL with captured image
  - >>creates the box and pushes the URL into the box
- -URL view
  - -Has add button
  - -Has dropdown search of existing URLs

User Component
- -User model/class
  - -Has username/email
  - -Has password
  - >>is authenticable
- -User database table
  - -Has user email, password, username
  - -Has background image
  - -Has Search bar enable
- -Users Controller
  - >>stores box data from its changes on show page
- -Users View/Show
  - >>authenticates user for destined sessions
  - -Has the basic layout of everything

URL Container(box) Component

-Box/Boxes model/class

  - **-Has URL**

-Boxes database table

  - **-Has user id**
  - **-Has url id**
  - **-Has box positions**