

Sprint Planning Document

Iteration 1

Sprint Length: 2 Weeks

Shrugs

Team 10

Purpose:

The purpose of this sprint will be to compose the individual components of our project. In a sense we will be making the building block to make our project.

individual component and then merge later on. Our components include; dragging objects on the screen with visual feedback, insertion of object and after insertion deletion will be implemented, import and export existing projects, the grid system (which will take the longest to implement for this sprint), resizing of objects with visual feedback, color manipulation of the object, and a preview of the website similar to a print preview page for any common application. This sprint will require a lot of communication in order to allow for merging of all individual components to build the overall project with ease.

Michael:

- Implement a freeform drawing system/canvas for the user to design websites in.
(Estimated 4 Hours)
- Create an adjustable and toggleable grid system that will constrain the “freeform” designs. (Estimated 2 hours)
- Add a graphical toolbar that will allow the user to select an active tool to design with.
(Estimated 3 hours)
- Add a “non-functioning” graphical menu bar as a placeholder. (Estimated 15 Minutes)

Billy:

- Design HTML/CSS exporting of objects (Estimate 5 hours)

Brandan:

- 1st box interface
- Controller to implement the “box/object classes” that will make the objects in java when the user creates an object (add), this will be based on variables given by Michael’s “freeform” design.
(Estimated 4 hours)
- Improve above by allowing more diverse variables such as size, shape and other inputs.
(Estimated 2 hours)

- add interface objects which will display to the user which objects have been created (this will be improved on later to allow for manipulation of objects within the API and outside of the design canvas).
(Estimated 2 hours)
- extra: design a mock up image of the project and some common names for parts of the project.
(Estimated 1 hours)

Vipul:

- Write BoxStyle class which contains a dictionary of CSS properties and a builder
(estimated 10 hours)
 - color
 - font-family
 - font-size
 - text-align
 - background-color
 - margin
 - padding
 - border-width
 - border-color
 - <http://www.w3schools.com/cssref/default.asp>

User Stories:

ID	Catagory	Case Story	Priority	Estimate (hours)
1	Add	As a user, I want to add a square so that I can represent a web object.	1	2
2	Add	As a user, I want to add a new project so that I can represent a new web page or a new project.	1	2
3	Delete	As a user, I want to remove a square so that I can omit a web object.	1	1
4	Delete	As a user, I want to remove a project so that I can omit a web page / web project.	1	2
5	Delete	As a user, I want to my objects that exist to reposition themselves after a delete so that I can delete an object and not have to worry about scaling issues.	3	3
6	Move	As a user, I want to move an existing object so that I can reposition / redesign the way I want my webpage to look	2	4
7	Move	As a user, I want to have the other square move in accordance to other moved objects so that I can have a web page that does not have any overlapping objects.	3	4
8	Resize	As a user, I want to resize an object so that I can modify the size of a web object on my web page to represent an accurate size of how I want it on my web page.	2	4
9	Resize	As a user, I want to other objects to move/resize when i resize a different object so that I can have a web page with no overlapping disproportional objects.	3	5
10	Import	As a user, I want to import an existing shrugs project from a file on my local drive so that I can resume a web project from where I left off.	1	3
11	Import	As a user, I want to asked if i want to resume an existing project when i first use the shrugs application this session so that I can resume a web project.	3	1
12	Import	As a user, I want to have the option to import a shrugs project at any time so that I can resume a project at from any given time.	2	1

13	Export	As a user, I want to be able to export my project to my local drive at any given time so that I can resume my shrugs project at any time in the future.	1	3
14	Export	As a user, I want to the option to be given to me to export my project as I leave the shrugs application so that I can save any progress that i made on my application incase forgot.	2	1
15	Color	As a user, I want to recolor objects so that I can which objects should represent what.	2	2
16	Color	As a user, I want to remove color from objects so that I can change my mind on the color of an object at any time in the future.	3	1
17	Resize Web App	As a user, I want the web application to automatically resize so that I can use it at any resolution that i request.	3	4
18	Resize Web App	As a user, I want to my web site to automatically resize when completed so that I can have a product that will also automatically resize when completed.	3	5
19	Preview	As a user, I want to preview a completed page based on a shrugs web page project so that I can determine how to proceed on the existing progress of my web page.	1	4