**Illustration SS**



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Project Success

Illustration SS is an online illustration application that will allows users to create drawings online, along with the capability of sharing them with others and saving their illustrations to their local machine. A possible stretch goal I would like to accomplish is to allow users to create accounts and save their illustrations should they want to work on it on a later date. I would like to deploy Illustration SS to the real world, making it my very first online application. I am creating Illustration SS because I am interested in drawing and creating the user interface of an application as well as managing the back-end implementation of it.

Target Users

Users who enjoy drawing on the computer will enjoy Illustration SS. Illustration SS caters to the everyday user who likes to spend some time drawing, as well as catering to seasoned artists and graphic designers. By implementing Adobe Photoshop-like features, users at any illustration skill level will be able to use Illustration SS. Allowing users to share their work will likely prompt more users to use the application and make illustrations themselves, creating a community based on drawing.

Project Backlog

1. “As an artist, I want to be able to draw using any color I want at any opacity. I would also like some tools such as selecting a section of my drawing to copy and paste elsewhere.”
   1. There is a color palette available for users to choose a color.
   2. There are options available to allow users to affect the opacity of the color chosen.
   3. There is a selection tool available to choose a specific section of the image.
2. “As a user, I want to be able to save the drawing on my computer. I would also like to upload my own image and alter it with the application.”
   1. The drawing application will save the image on screen and save it as a file where the user specified.
   2. The drawing application will be able to load images from a local machine and will be able to be altered.
3. “As a user, I want to be able to undo and redo. I would also like to see my history, I may want to undo several actions.
   1. The drawing application will allow users to undo actions, as well as redo them.
   2. There will be a history tool available to be able to see a certain amount of actions.
4. “As a graphic designer, I would like to have tools that will let me alter the image with advanced tools, such as changing the color values in the image.”
   1. The drawing application will be have different filters available to the user to affect the overall appearance of the image.
5. “As an artist, I would like to be able to zoom in and out of the image, as well as maintaining the image should the browser resize. Resizing the browser should not delete any part of the image that could not be displayed.”
   1. A magnifying tool will be available to zoom in and zoom out of the image.
   2. Website will be dynamic and adjust to browser size.
   3. Image will not lose data, should part of the image be hidden by the browser size limitations.
6. “As a graphic designer, I would like to be able to work on an image in layers, with each layer being editable and unique. I would also like to be able to merge layers, or delete them when I want.”
   1. The will be a layer feature in the application that will allow users to draw on specific layers without affecting any other layer.
   2. Layers will be able to be moved in terms of which ones will be displayed on top of each other.
   3. Layers will be able to be merged with one another.
   4. Layers will be able to be deleted without affecting other layers,
7. “As an artist, I would like to be able to use the application without experiencing any unexpected twists. On other applications, there will be effects added to the pencil tool; I would just like the path I drew to be shown.”
   1. Tools will remain faithful to the standard of other image; pencil tool will not make any unwanted patterns on the canvas.
8. “As a user, I would like to see some unique twist that could be used at will, not incorporated to the tried and true tools. I would like to see something unique to this application, a reason to use this over other applications.”
   1. Drawing application will have unique features available only to it.
   2. Website will have a unique look and feel to it.

2-week Plan

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| **1st Week** | **Day Plan** |
| Monday | Research different online illustration websites and determine what they use  Look into HTML5 Canvas tag and research what can be accomplished by using it  Begin mock-up of website |
| Tuesday | Decide exactly which features will be available  Research how to implement features  Continue and possibly Complete mock-up of website |
| Wednesday | Complete Mock-up of website  Start creating website  Have list of features that will be implemented |
| Thursday | Research how an image drawn on canvas will be saved to a file  Continue working on website, focusing mainly on google chrome (multiple browser support to be done down the line)  Test out the implementation of a pencil tool on canvas |
| Friday | Have basic structure and some css done for website  Begin planning the dynamic structure of the website  Have a tool at the very least tested, and at least knowledge of how an image will be saved to a file |
| **2nd Week** | **Day Plan** |
| Monday | Begin implementing the dynamic aspect of the website  Complete website look and feel  Begin creating tools for illustrator |
| Tuesday | Continue implementing the dynamic aspect of the website, allowing capability with smartphones  Continue implementing tools, at the very least two tools should be completed by today  Research how layers will be implemented |
| Wednesday | Continue implementing dynamic functionality  Work on tools  Try to implement a layer/research and decide how they will be implemented |
| Thursday | Finish up implementing dynamic functionality  Continue working on tools, have at least three completed  Finish implementation of layers, begin research of other advanced tools ie. Selection tool |
| Friday | Finish any and all work that needs to be completed for website look and feel and dynamic functionality completed  Continue working on tools  Begin testing saving image to file with tools  Test layer functionality: merge, delete, moving up or down  Create tool bar for tools, and color palette |