

Project Milestone 2

Project Features List:

- Home Landing Page:
 - First page the user sees, greets them when software is opened
 - Clicking on the phrase "Enter Gallery" allows user to enter gallery
- Gallery View:
 - Second page the user sees, first image is selected
- Mosaic View:
 - Displays mosaic that the user selected
- Mosaic:
 - Is a composite of smaller images
- Image Interaction Menu:
 - Info -> Information about the piece and the artist displayed in a textbox
 - Remake -> Replace current main image with a newly selected image (this is image would be a "template" for the composite)
- Upload Button:
 - Ability to upload images in order to allow the users to make mosaics of their own images.
- Download Button:
 - Allows for downloading mosaic
- Exit Button:
 - Allows user to exit gallery

Requirements:

- Six Additional User Stories:
 - Upload for mosaic has storage size limitations
 - Download for mosaic has storage size limitations
 - mosaic has dimension constraints on upload
 - Information popup textbox is scalable
 - Popup menu should map to right mouse click
 - "Enter Gallery" text should map to left click
 - Download button should map to left click
 - Upload button should map to left click
- Functional:

Image Interaction Menu

- Can interact with the images via clicking on them
- Can access information about gallery images

Home Landing Page

- Can access home screen as a "waiting" area before entering the gallery

Gallery View

- Can view gallery images

Upload Button

- Can click on a button to upload images

Download Button

- Can click on a button to download images
- Popup menu on image interaction using a right mouse click
- Can click on the text “Enter Gallery” on home landing page
- Non-functional:
 - Upload for mosaic has storage size limitations
 - Download for mosaic has storage size limitations
 - mosaic has dimension constraints on upload
 - Popup image information textbox is scalable
 - Popup menu should map to right mouse click
 - Left click on “Info” popup menu option should launch popup image information textbox
 - Left click on “Remake” popup menu option should generate “template” based on image user selects and fill that “template”
 - “Enter Gallery” text on home landing page should map to left click
 - “Enter Gallery” should clear home landing page and que gallery
 - Upload gallery image button should map to left click
 - Download gallery image button should map to left click
 - Exit button should map to left click
 - Exit button should terminate program completely (no running in the background)
 - Smaller images used to build up mosaic are of a fixed size

- Smaller images used to build up mosaic are organized based on majority colors (i.e. area of mosaic that requires majority orange(ish) pixels will coerce smaller images whose pixels mostly fall into that color spectrum into that area)

Project Plan:

The image shows a Trello board titled 'Artscape' with a progress bar and a timestamp 'Updated 25 minutes ago'. A search bar at the top right says 'Filter cards'. The board is divided into three columns: 'To do' (7 cards), 'In progress' (6 cards), and 'Done' (0 cards). Each card has a title, a description, a due date, and the creator's name.

Column	Card Title	Description	Due Date	Added by
To do (7)	Exit Button	-Exit the gallery	By: 11/14	sophie-ciulla
	Download	-Give the user a button that downloads the mosaic image to their machine	By: 11/14	sophie-ciulla
	Upload	-Option for user to upload their own images to the gallery and create a mosaic of their own photos	By: 11/18	sophie-ciulla
	Image Interaction Menu Option 2	-Option to rearrange mosaic to set currently selected photo as large mosaic image		
In progress (6)	Create Home Page	-A page the user is greeted with when they open the program	By: 10/7	sophie-ciulla
	Create Gallery View Page	-User is given a gallery of photos to select from, it will be the screen that pops up after the home page	By: 10/7	Elizabeth
	Mosaic View Page	-The page that the mosaic is displayed on and most of the user interaction occurs on	By: 10/14	Tim Sky
Done (0)				

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Watch

<> Code

Issues

Pull requests1

Actions

Projects1

Security

Insights

Artscape

Updated 25 minutes ago

Filter cards

7To do+...

By: 11/14

Added by sophie-ciulla

Upload...

-Option for user to upload their own images to the gallery and create a mosaic of their own photos

By: 11/18

Added by sophie-ciulla

Image Interaction Menu Option 2...

-Option to rearrange mosaic to set currently selected photo as large mosaic image

By: 11/7

Added by sophie-ciulla

Welcome to GitHub Projects...

We're so excited that you've decided to create a new project! Now that you're here, let's make sure you know how to get the most out of GitHub Projects.

6In progress+...

Jerry

Added by kmsbusch

-Create Graphics for Upload and Download buttons on Mosaic View Page

By:10/14

Kevin

Added by kmsbusch

Create the main image...

-Make the code that creates a mosaic image made up of smaller images

By: 10/30

Added by sophie-ciulla

Image Interaction Menu Option 1...

-Info option to display any relevant information like name of piece and artist

By: 11/7

Sophie

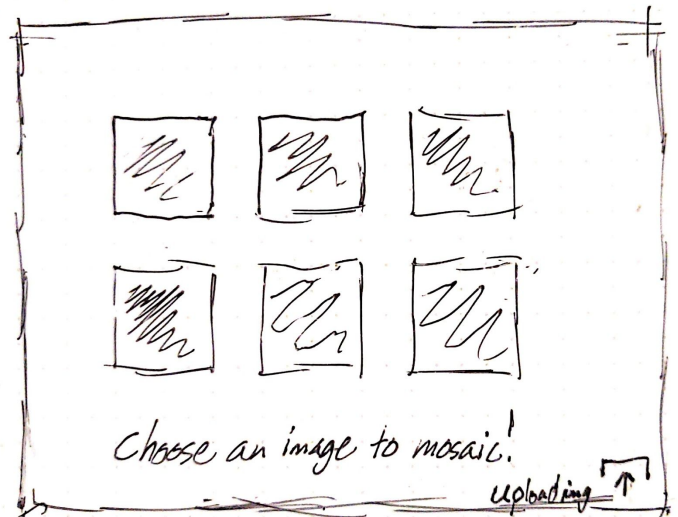
Added by sophie-ciulla

0Done+...

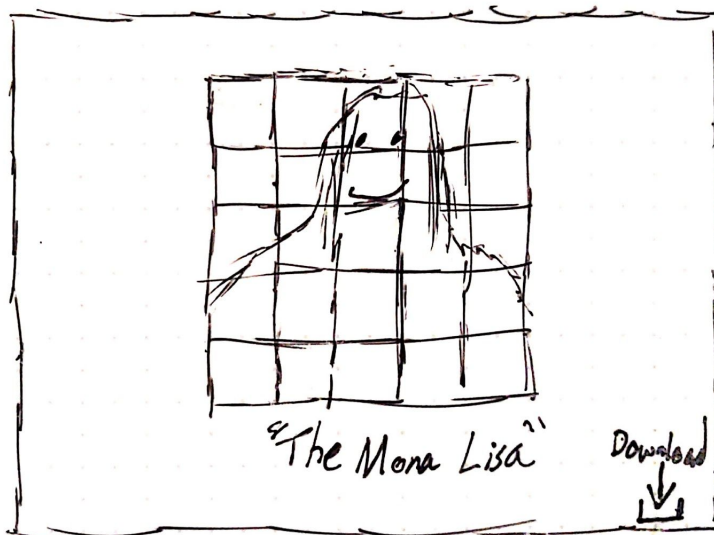
Wireframes:



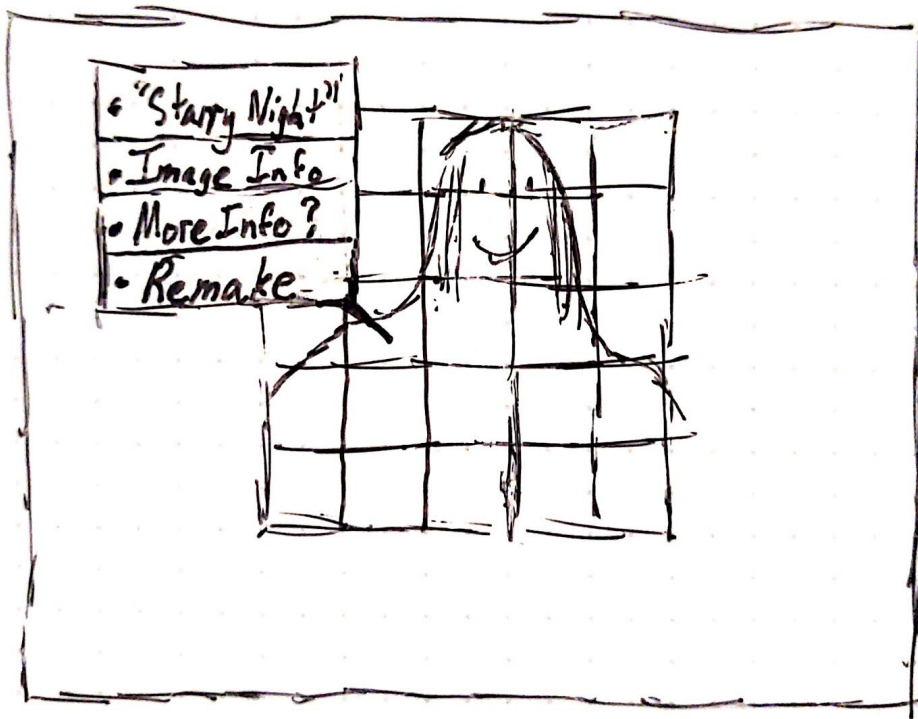
Landing Page



Gallery View



Mosaic View



Pop-up Menu

Individual Contributions:

Member	Contribution	Description
Elizabeth Eyeson	Gallery View (FE)	Implement gallery page front-end to display options for beginner images for mosaic (includes upload button for personal image or selection of one off 6 images offered by us).
Kevin Busch	Home Page (FE) + Upload + Download Graphics(FE)	Implement home page front-end and figure out graphics for mosaic page
Sophie Ciulla	Menu Options FE + BE	Implement both menu option front-end and back-end to display info about pics & reshuffle

Timothy Vaught	Mosaic View (FE)	Implement both mosaic page front-end and some elements of back-end
Ziqi Zhao	Mosaic Process function (BE)	Start researching implementations for mosaic function and other back-end functions
Fengwei Zhang	Mosaic Process function (BE)	Start researching implementations for mosaic function and other back-end functions