Cover Page
COMPSCI 345 / SOFTENG 350 Human-Computer Interaction

Assignment Three: Realizing a Design

Student Name: Abigail Permadhi

Student ID: 6326415

Student UPI: aper543

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Place this page in the front as the first page of your document that you are submitting to Canvas

Task One: Design Documentation

A) Walkthrough

Domain of Knowledge: Art History
Sub-domain of Knowledge: Renaissance Paintings
Problem-based Learning Activity: Portfolio

After logging in and navigating to the 'Portfolio' page, the user is presented with a brief outline of the portfolio task including a step-by-step guide on how to complete the task. The user then clicks on 'Create Portfolio' to start the task.

The user must now enter their chosen Renaissance artist in the text input area, then go through and upload three paintings of their choice by that chosen artist on the left side of the modal. They then must provide a title and date for the chosen artworks and an analysis (200 – 300 words) on the right side of the modal.

Once completed, the user then clicks on 'Submit Portfolio' to submit their portfolio.

The user is now presented with their completed portfolio. The artist's name that was inputted is represented as the title of the portfolio, their name is automatically added underneath the title. The photos are presented throughout the portfolio with the title and date directly underneath it and the analysis underneath that.
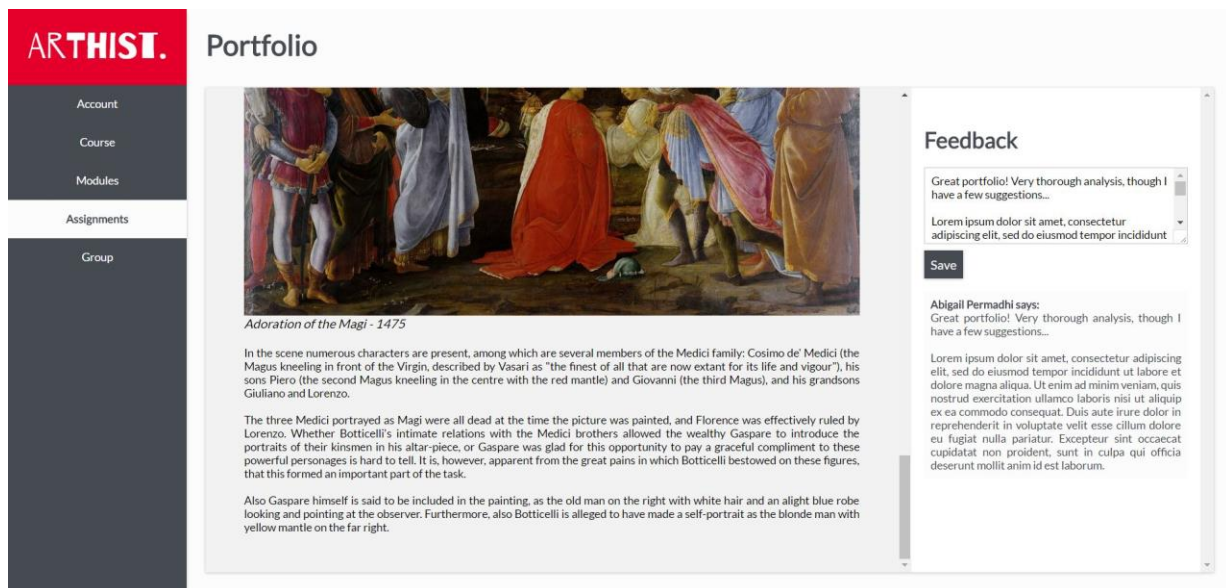
A feedback panel is present on the right-side of the screen. The user can then input feedback and click 'Save' to submit the feedback as a comment.

Out of Scope Functionalities

- The sidebar does not link to any pages.
- The '+ Add Photo' button does not allow the user to upload a photo, rather when clicked, it displays a pre-chosen photo (the works of Sandro Botticelli).
- Automatic save of the portfolio was not implemented.
- User may only provide one comment of feedback (pressing save again only changes the text in first comment).

B) Colour Scheme

	RGB(228, 0, 43)	Logo background, buttons
	RGB(204, 0, 37)	Buttons hover
	RGB(70, 75, 81)	Sidebar background, text, 'Save' button background
	RGB(59, 63, 68)	Sidebar item hover, 'Save' button hover
	RGB(252, 252, 252)	Body, sidebar item text, comment background
	RGB(242, 242, 242)	Modal background
	RGB(192,192,192)	'+ Add Photo' background, textarea border
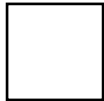
RGB(255, 255, 255)   Feedback background, textarea, button text, logo text

The colour scheme of the prototype is a monochromatic grey scheme with a red accent colour. However, upon closer inspection the dark grey colours are dark grey-ish blue which allow the colour scheme to be somewhat triadic without the yellow, however it is still appealing as the red is kept pure and the blue is toned down.

The dark grey is kept as text and the light greys as background colours to promote contrast and thus makes the prototype more readable. The accent colour, red, is used sparingly and brings attention to the logo and important action buttons such as 'Create' and 'Submit'. As photos of artwork are assumed to be uploaded onto the prototype, the light grey scheme helps to not overwhelm the reader with colour.

C) Borders Scheme

Box-shadows are a consistent theme in the border scheme of the prototype. The right edge of the sidebar along with the main modal and all the buttons have a light box-shadow around them. This creates the very subtle effect of a 3D webpage which engages the user's eye. The box-shadows are only used on elements that are required to stand out to the user, thus textareas and images do not have box-shadows to avoid risk of cluttering the page.

Grouping is an important concept that must be done well to avoid confusion for the user when creating the portfolio. 'Step 1' is positioned above and to the left of 'Step 2' and 'Step 3' which makes it clear to the user to do this step first. 'Step 2' is to the left of 'Step 3', again, making it clear to the user to do 'Step 2' first –even without reading the numbers of the steps. The even and consistent spacing and sizing creates a grid for the user's eye that allows them to understand the images are grouped together and the texts are grouped together. The smaller spacing between text inputs and textareas help to group those two together such as that stated in the Gestalt principle of proximity.

Primavera - Late 1470s

Primavera (Italian pronunciation: [prima'veːra]), also known as Allegory of Spring, is a tempera panel painting by Italian Renaissance artist Sandro Botticelli painted in the late 1470s or early 1480s (datings vary). It has been described as "one of the most written about, and most controversial paintings in the world",[1] and also "one of the most popular paintings in Western art".[2]

Grouping is also done in the finished portfolio, shown above, the title of the artwork and date created in paced directly underneath the painting that it is referring to. This is to avoid confusion for which analysis is tied to which painting. This again calls on the Gestalt principle of proximity, where two elements closer together are perceived as being in a group.

D) Fonts Scheme

Logo

Headers

All other text

The prototype features the same sans-serif font 'Lato' for all of its text (excluding the logo), this is for readability purposes as sans-serif is widely known to be more readable than serif fonts. This is also to keep consistency in the prototype's design. The headers are 'Lato' but in bold to capture the user's attention. The portfolio description is in 16px whereas the rest of the text in the modal is 14px to draw importance to the task description and aim of the portfolio. The logo is in an artistic font called 'Barrio' which has an almost amateur appearance which suits well with the art theme of the prototype.

E) Resources

The Birth of Venus
https://en.wikipedia.org/wiki/The_Birth_of_Venus#/media/File:Sandro_Botticelli_-_La_nascita_di_Venere_-_Google_Art_Project_-_edited.jpg

Primavera
https://en.wikipedia.org/wiki/Primavera_(painting)#/media/File:Botticelli-primavera.jpg

Adoration of the Magi
https://en.wikipedia.org/wiki/Adoration_of_the_Magi_of_1475_(Botticelli)#/media/File:Botticelli_-_Adoration_of_the_Magi_(Zanobi_Altar)_-_Uffizi.jpg