Art gallery kiosk app documentation

# Requirements

* Implementation must use HTML/CSS with JavaScript
* Google Chrome compatibility at a minimum
* The app must feature a drawing canvas for patrons at the art gallery
* Users should be able to create artwork in the style of the artist
* Users should be able to select a brush size
* Users should be able to select a colour from the palette which is suitable to the artist’s style
* The canvas should be able to be cleared both manually by a button and automatically after a period of inactivity
* The app must be interactable with a touch screen, thus incorporate elements suitable to this type of screen
* The app must work in a responsive screen size, including 1920x1080 and 1280x720
* The app must consistently implement the artistic style and branding
* Additional drawing tools should be incorporated (eg. Stencils, stamps, patterned brush)

# TARGET DEMOGRAPHIC

The expected demographic of this art gallery are people aged 8 upwards who have an interest in art by Jasper Johns. The most common users of the website are likely to be towards the younger segment of the age bracket, between 8 and 20. Therefore this will be the target demographic of the website. This target does not intend for the website to be exclusive to this audience, rather the design will be created with the intention to appeal primarily to this audience.

## SAMPLE PERSONA:

|  |  |  |
| --- | --- | --- |
| **Persona** | School student |  |
| **Fictional name** | Hayley Johnson |
| **Job title/responsibilities** | Student at John Monash Science School |
| **Demographics** | 14 years old  Favourite subjects are art and biology  Attends painting and sculpting classes |
| **Goals and tasks** | Likes attending various art galleries  Plays volleyball and golf  Favourite art styles include abstract and pop art  Likes sketching digitally and physically |
| **Environment** | Has a Windows tablet for sketching and writing documents, is comfortable using web interfaces | |

# Inspiration

## Jasper Johns: Target with four faces



This piece in unique in a way where there are scars on the dartboard that makes the painting appear old and used. Tools that can recreate this effect is a thin brush that reduces the opacity of the colour per stroke.

## Jasper Johns: Map



This painting “Map” has a texture where the colour drips down. The text looks like stencil print stamped onto the painting. A stamping tool may be considered when designing our canvas.

## Jasper Johns: corpse and mirror ii



Jasper sometimes uses repetition of certain patterns so that his paintings are symmetrical. With switching text colour at the bottom and his use of patterns, he uses an Op Art structure to apply an optical illusion to the viewer.

## Jasper Johns: Land’s end



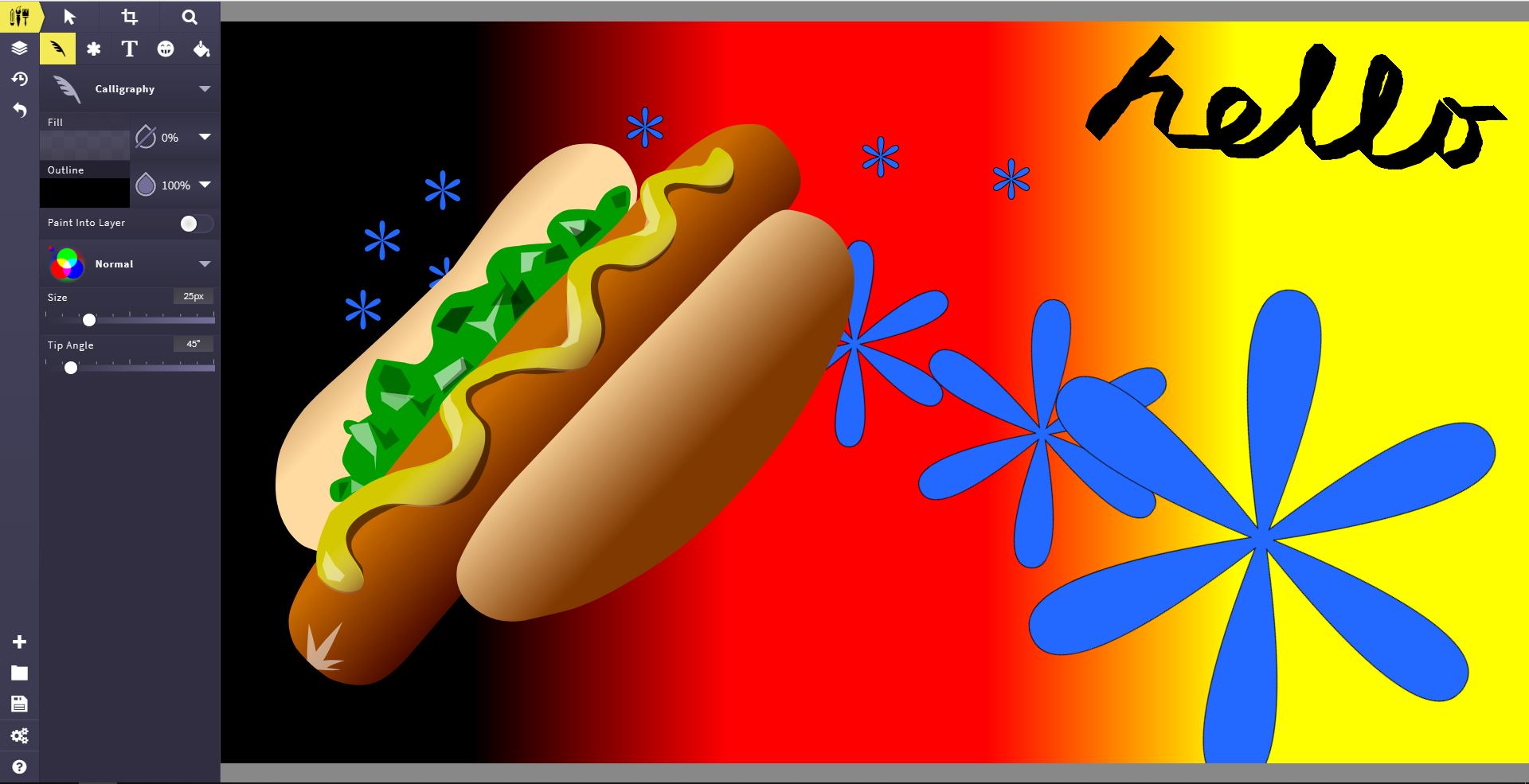
Again, here he uses similar stencils to illustrate his text. With dark colours scattered around the text, abstract items blended in, such as the hand above the word “yellow”, it implies a disturbing story to the viewer. Using the colour red and the text “red”, also depicts a sign of danger. The letter “U” at the bottom angled at the bottom, symbolising the word “you” have fallen.

## Jasper Johns: 0 through 9



This painting is called “0 through 9”, as he is trying to paint all the numbers from 0 to 9 on one canvas. He uses a variety of colours to illustrate this and uses the Op Art structure again to allow to user to focus on a number they are thinking of while ignoring the other numbers.

## sketch.io sketchpad



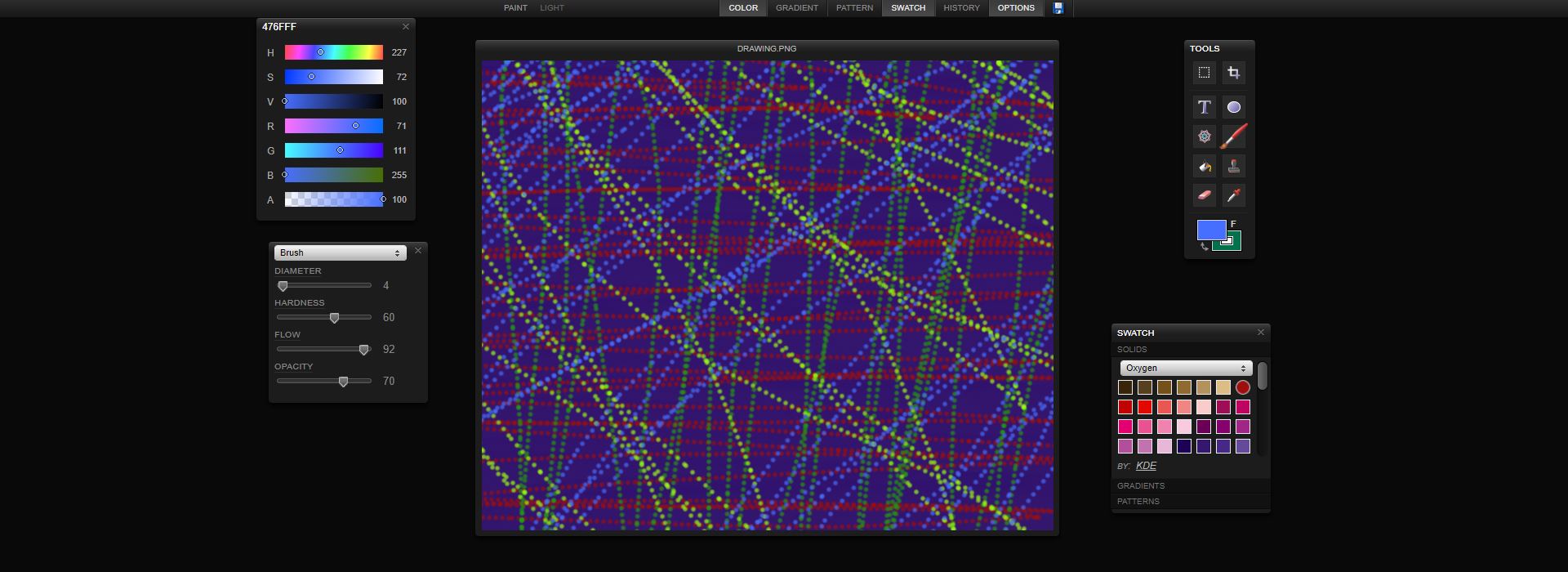
This sketchpad has the side bar on the left. The user interface looks somewhat hard to use and may not be suitable for the older audience. Having too many buttons, may distract the user into figuring out how the kiosk works instead of actually painting.

## kleki.com sketchpad



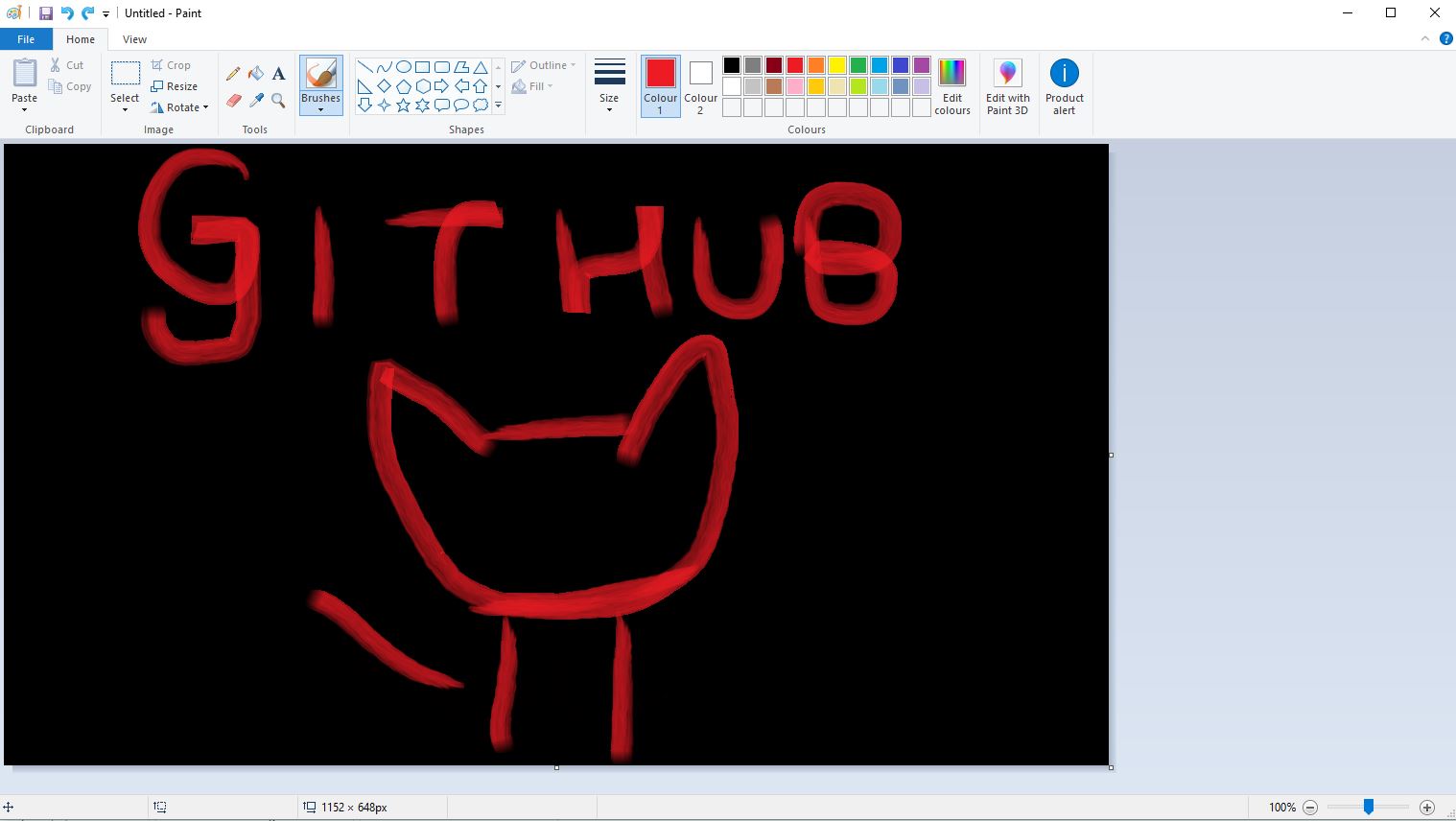
However, this kiosk looks very suitable for all audiences. The toolbar is on the right hand side and allows you to choose a variety of colours and textures.

## galactic.ink sketchpad



Galactic.ink sketchpad shows a variety of tools to use as a user, even including the stamp function which we may use in our kiosk app. This setup is simple yet easily control your brush stroke with textures using the brush tool.

## ms paint sketchpad



This sketch pad looks simply to use and can act as a standard for a good drawing kiosk. For many unexperienced users who do not sketch art but view the beauty of it, may have a chance to use this.

# References – DOCUMENTATION

### Images

<https://www.pexels.com/photo/woman-wearing-pink-floral-sleeveless-romper-sitting-on-gray-concrete-holding-earth-globe-638696/>

<https://www.tate.org.uk/art/artists/jasper-johns-1365>

<https://www.moma.org/collection/works/78393>

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<https://www.abebooks.co.uk/9780947564285/Cage-John-Cunningham-Merce-Johns-0947564284/plp>

<https://www.sfmoma.org/read/discussion-questions-jasper-johns-lands-end/>

<https://sketch.io/sketchpad/>

<http://kleki.com/>

<https://galactic.ink/sketchpad/>