



DES 157B Final Project

# WHAT DOES THIS SCENE LOOK LIKE IN 50 YEARS?

Darren Wong & Jackie Ou

# OVERVIEW

## FOCUS

Impact of climate change on the foreseeable future

## WHY

Climate change affects everyone. The negative impacts are more visible than ever now.

## GOAL

Spark more serious thought around the severity of climate change and encourage sustainable behavior in people's daily lives

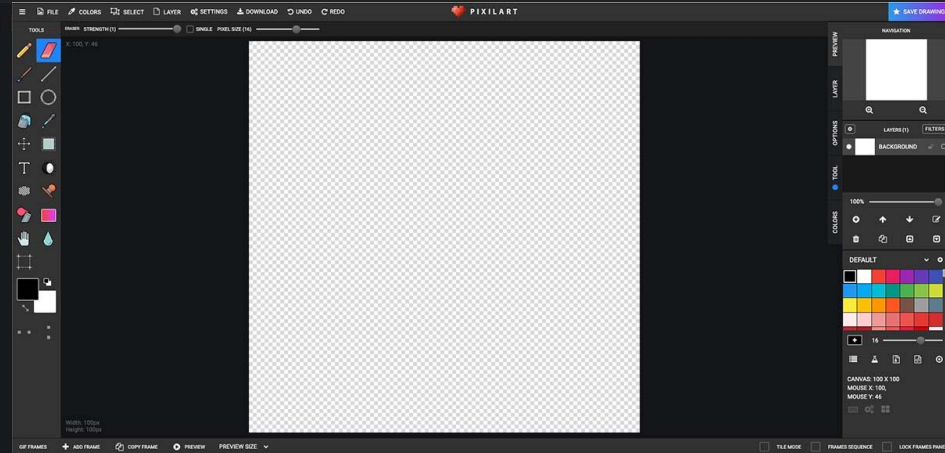
# UX RESEARCH

## BEFORE/AFTER



NASA: Climate Change: Vital Signs of the Planet

## ONLINE DRAWING APPLICATION



Pixil Art

# VISUAL DESIGN

## HEADING

Font Family: Oswald  
Font Weight: Medium (500)

All caps  
Condensed san serif  
Bold, stern, serious feel

## Body

Font Family: Spinnaker  
Font Weight: Regular

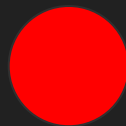
Slightly wider than standard  
Modern and legible  
Pairs well with Oswald



#FFFFFF

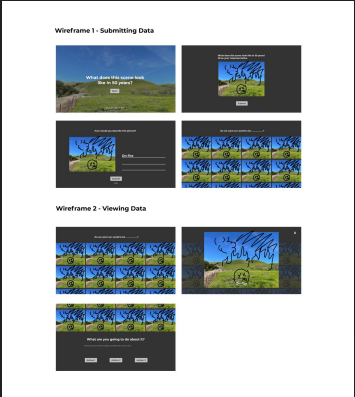
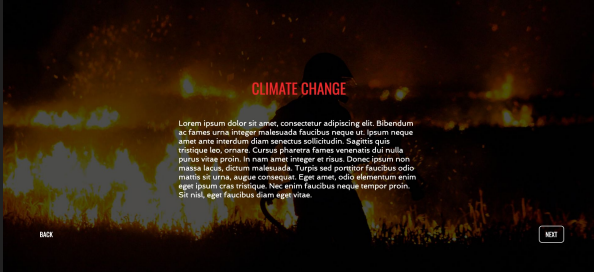


#1D1D1D



#EF2929

# DEVELOPMENT



WHAT DOES THIS SCENE LOOK LIKE IN 50 YEARS?

Draw over the photo.  
Your drawing will be downloaded in the next step.  
CLEAR





# DEVELOPMENT

HOW WOULD YOU DESCRIBE  
YOUR IMAGE IN ONE WORD?

Hello

BACK

NEXT



DO WE WANT A **POLLUTED** FUTURE?



TAKE ACTION



PLEASE UPLOAD  
THE DOWNLOADED  
PHOTO HERE.

BACK

NEXT

## CLIMATE CHANGE

Global Temperature Increase: Within the last 40 years, the last 7 years had the highest average surface temperature. 2016 and 2020 are tied for the warmest years on record.

More Natural Disasters: As a result of climate change, hurricanes, droughts, and flooding are expected to only intensify.

Rising Sea Levels: Although sea levels since 1880 have only risen 8 inches, they are projected to increase 1-8 feet by 2100.

Source: NASA Global Climate Change Vital Signs of the Planet

DO WE WANT A **READY?** FUTURE?

WE'RE ALL  
GONNA  
DIE

TAKE ACTION

WHAT CAN WE DO ABOUT IT

Action 1

Insert a description of Action 1 here

Action 2

Insert a description of Action 2 here

WHAT DOES THIS  
SCENE LOOK LIKE  
IN 50 YEARS?

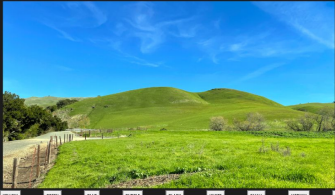
Draw over the photo by  
clicking and dragging over  
the photo.

Your drawing will be  
downloaded after hitting  
"Next".

CLEAR NO DRAW ERASE MOVE UNDO REDO BACK RESET SAVE

BACK

NEXT



climatechangedes.github.io says

Please download the image

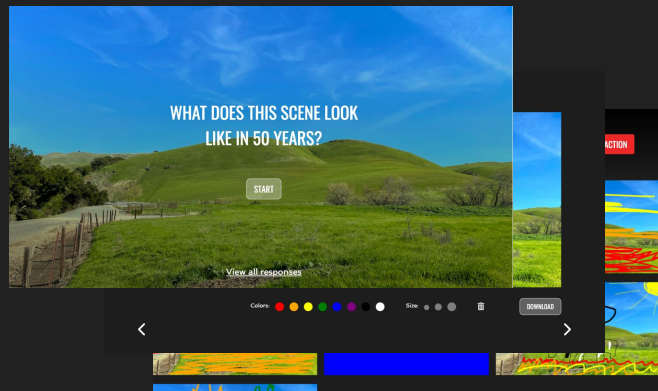
OK

Colors: Red Orange Yellow Green Blue Purple Black White

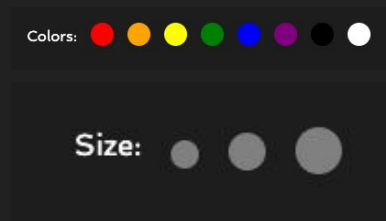
Size: Small Medium Large



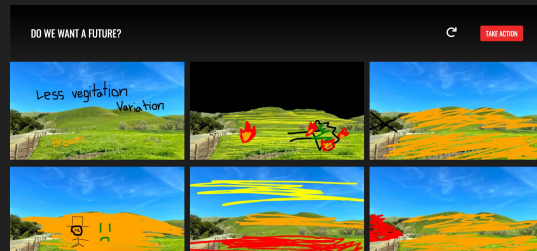
# USER INTERFACE



Organized like slides to create sequential linear experience and minimize cognitive overload



Drawing over photo with color, brush size, and clear options



View Gallery

# USER TESTING RESULTS

Had a storyline, thought it was great, thought drawing was cool  
Add are you sure button before proceeding  
Clear stands out more than next

Very interesting, knows what to do  
Get more info on first page to describe project

Looked at instruction  
Not sure what to draw, not sure how prompt is related  
Not sure about the word prompt  
Likes font and tone of design  
Thought clear might be undo, maybe add description, maybe add undo

Uploading part had trouble  
More info before upload page  
Little bit of a surprise

How did you figure out what to draw?  
Thought about positive  
Saw climate change, made think draw related to nature

Prompt is vague - ufos and aliens, given this info add more context, manipulate data to influence sketches





## IMPROVEMENTS

1. Continue styling site
2. Image expansion for grid view
3. Change word response on image hover

## SUMMARY



**DARREN**

### **I LEARNED...**

How difficult simple features are to implement, but I feel a lot more confident with HTML/CSS/JS

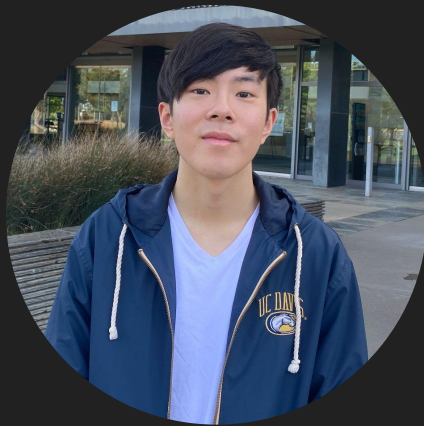
### **MOST PROUD OF...**

Actually bringing this idea into reality

### **MOST CHALLENGING & REWARDING...**

Resolving errors regarding Back4App

## SUMMARY



**JACKIE**

### **I LEARNED...**

How to learn libraries in a short time span and collaborate with UI/UX designers

### **MOST PROUD OF...**

Seeing my friend's submissions on the gallery

### **MOST CHALLENGING & REWARDING...**

Getting the canvas to work

THANK  
YOU!

