

# Title

Doodle Designer

# Who

Leif Anders, Tyler Hand, Nikita Feoktistov, Elizabeth Gyimesi

# Project Description

Doodle Designer was created to provide a way to create simple, fun doodles and share them with others, or just save them for later. With the increase in popularity of online drawing games, there's a particular uniqueness that comes with these drawings. Whether you want to just practice drawing with a mouse, create simple and unique sketches, or even use it for more serious purposes, doodle designer provides a way to do so.

Doodle Designer was created by a group of 4 CU Boulder students, during our CSCI3308 course. This project allowed us to get accustomed with frontend and backend development, various different languages, and the whole workflow of a group in general. While the project still lacks a few features, our vision for Doodle Designer is more social, and will involve sharing doodles with others at its core.

# Project Tracker

Jira - (<https://csci-3308-fall21-013-07.atlassian.net/jira/software/projects/Y12/boards/1>)

Projects / 013-07

Backlog

Search: LA TH EG NF Epic

Insights

Sprint 1 1 Oct – 15 Oct (9 issues)

Milestone 5 7 Nov – 8 Nov (6 issues)

Project Presentation 8 Nov – 18 Nov (7 issues)

Get the project in shape for a presentation

Issue	Status
Y12-52 Get 'save to DB' working	IN PROGRESS
Y12-54 Get 'save file as' working	IN PROGRESS
Y12-56 Wireframes into full pages	TO DO
Y12-57 Integrate layers	TO DO
Y12-58 Format info on page s.t. the DB can parse and save the information	TO DO
Y12-65 Grid overlay on sketch canvas	TO DO
Y12-66 Drag and Drop feature	TO DO

+ Create issue

# Video

(<https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-013-07/blob/main/Timeline%201.mov>)





















# VCS

(<https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-013-07>)

# Contributions

## Leif

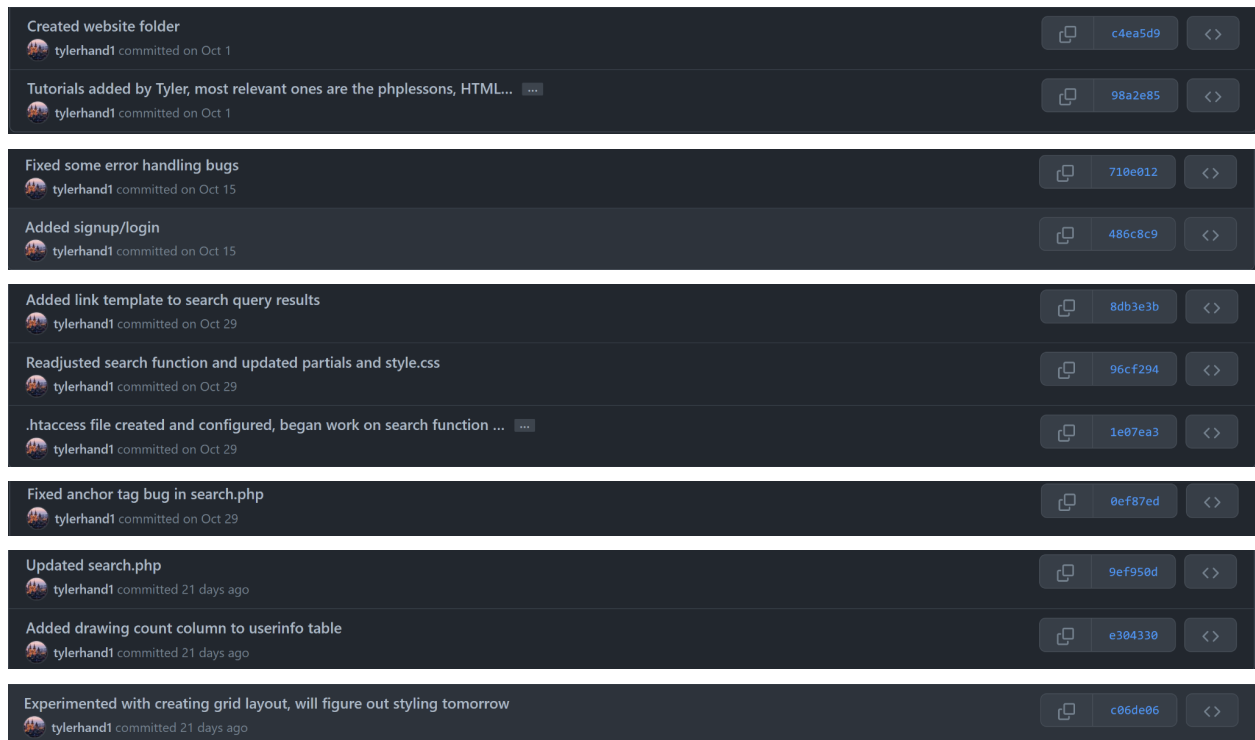
My contributions reside mostly with creating the front end application interface for sketching doodles. I worked on developing the JavaScript and basic html template for the drawing, pen color selection, eraser. I worked alongside Tyler to implement the functionality of the save and export features to our database. Unimplemented features included a load feature, intended to layer in an older project to continue work; a merge feature, intended to merge those priorly mentioned layers. I also worked to ensure the group's efforts remained organized and submitted in a timely manner.































part 6 leDers committed 12 days ago	 3cc2c82	
partial recordings leDers committed 12 days ago	 d4db8fb	
load picture by leif leDers committed 15 days ago	 117a86b	
Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI... leDers committed 20 days ago	 6252faa	
mile5 had some updates from earlier push before midnight, but was unp... leDers committed 20 days ago	 ccfe3b7	
mile5 leDers committed 21 days ago	 a9fbd6c	
Merge branch 'main' of https://github.com/CU-CSCI-3308-Fall-2021/CSCI... leDers committed 21 days ago	 d47f01a	
milestone 5 leDers committed 21 days ago	 2785065	
milestone 4 leDers committed on Oct 29	 ba99f1c	
html doodle with png export leDers committed on Oct 29	 8612e0c	

















































## Tyler

My contributions focused on the backend and elegantly printing results from the database to the frontend. I started out by adding a folder of tutorials to the project repository as a reference. I personally found it useful in implementing the login feature. I also built a rudimentary frontend while testing out backend features which ended up becoming the finished frontend due to difficulties implementing bootstrap. With regards to the drawing feature, I implemented the save drawing feature as well as modified some of Leif's work of drawing on the canvas to better suit the frontend I built.







Updates to login.php, features in profile.php, etc. 👤 tylerhand1 committed 17 days ago	 8ee5f8a	
Added edit profile feature 👤 tylerhand1 committed 17 days ago	 5984ccb	
Started user profile page backend 👤 tylerhand1 committed 17 days ago	 48bffe2	
Updated upload algorithm 👤 tylerhand1 committed 17 days ago	 b09a82e	
Added ability to upload drawing to database 👤 tylerhand1 committed 18 days ago	 8bdc23e	
Commits on Nov 11, 2021		
Updated search.php anchor links and configured drawing search SQL que... 👤 tylerhand1 committed 18 days ago	 8575c6a	
Fixed issue with .htaccess 👤 tylerhand1 committed 18 days ago	 645d98b	
Updated .htaccess 👤 tylerhand1 committed 18 days ago	 f80c5bb	
Worked on developing infrastructure for storing and displaying maps 👤 tylerhand1 committed 18 days ago	 ade7d56	
Commits on Nov 9, 2021		
Fixed position and size of output canvas/img 👤 tylerhand1 committed 20 days ago	 97da8e8	
Changed border color 👤 tylerhand1 committed 20 days ago	 ad10728	
Merge branch 'main' of <a href="https://github.com/CU-CSCI-3308-Fall-2021/CSCI...">https://github.com/CU-CSCI-3308-Fall-2021/CSCI...</a> 👤 tylerhand1 committed 20 days ago	 288d86d	
Cleaned up exp4.html, need to fix coordinates of canvas and position ... 👤 tylerhand1 committed 20 days ago	 6869f3f	
Added change username/password functionality, major form handling bug... 👤 tylerhand1 committed 16 days ago	 0556394	
Commits on Nov 13, 2021		
Fixed delete profile bug and some minor changes 👤 tylerhand1 committed 16 days ago	 dc2e145	

Fixed editdrawing.php 👤 tylerhand1 committed 13 days ago	 4d668d1	
Updated editdrawing.php 👤 tylerhand1 committed 13 days ago	 36ed542	
Removed scrollbar, other updates 👤 tylerhand1 committed 13 days ago	 1bfbc53	
Cleaned up create.php 👤 tylerhand1 committed 13 days ago	 d1ec2f8	
Updated exp4.1 👤 tylerhand1 committed 13 days ago	 40aa756	
Fixed signup error handling 👤 tylerhand1 committed 13 days ago	 c5264c0	
Updated styling 👤 tylerhand1 committed 13 days ago	 9bb205f	
Added delete drawing functionality 👤 tylerhand1 committed 13 days ago	 6395c20	
Commits on Nov 15, 2021		

<b>Cleaned up create.js</b> tylerhand1 committed 12 days ago	 1293b65	
<b>Removing web tutorials</b> tylerhand1 committed 13 days ago	 d853cbe	
<b>Updated userinfo data table, etc...</b> tylerhand1 committed 13 days ago	 b8644d2	
<b>Fixed bug with upload</b> tylerhand1 committed 13 days ago	 35045f7	
<b>Finished edit drawing functionality</b> tylerhand1 committed 13 days ago	 2569995	
Commits on Nov 16, 2021		
<b>Added exp5.html</b> tylerhand1 committed 13 days ago	 1c2b6d9	
<b>Milestone 6</b> tylerhand1 committed 10 days ago	 7b976d0	
Commits on Nov 18, 2021		
<b>Fixed page routing error</b> tylerhand1 committed 11 days ago	 cae0407	
<b>Updated search result styling</b> tylerhand1 committed 11 days ago	 7c51178	
<b>Styling updates</b> tylerhand1 committed 11 days ago	 24c175d	
<b>Fixed security flaw in profile.php</b> tylerhand1 committed 11 days ago	 1d88079	
<b>Fixed grammar</b> tylerhand1 committed 11 days ago	 0c367b7	
<b>Fixed moving the root folder</b> tylerhand1 committed 11 days ago	 d29d445	
<b>Moved root to all project code folder</b> tylerhand1 committed 11 days ago	 06c7543	
<b>Added export map feature to map.php</b> tylerhand1 committed 11 days ago	 37fb3e8	

## Nikita

My contributions were focused on the front end. I initially designed the pages with wireframe, and then using HTML and CSS created them. I spent a lot of time trying to figure out bootstrap and fixing difficulties with it, involving positioning and sizing. Eventually, I figured out that I needed to look more into custom CSS since bootstrap wasn't working. Towards the end, I worked with Tyler and Leif to implement the rest of the front end, though we ended up falling back on parts of the basic front end Tyler created due to time constraints / me being sick for a large period of time.

<b>added Nikita files. Not fully completed webpages not added</b> NikitaFeoktistov committed 18 days ago	 e6d493a	
<b>updated milestone5</b> NikitaFeoktistov committed 21 days ago	 1fc152d	

## Elizabeth

My work largely consisted of features in the drawing software and general plan for layout and functionality of the web app including multiple design sketches and plans for interactivity. Many code contributions were deprecated due to the change of scale and lack of access to the code base for the majority of the project. I personally worked largely in HTML, CSS and JS.



## Deployment

One would run the app by first installing XAMPP. After the installation, the repository needs to be cloned into the folder called "htdocs." From there, open XAMPP and start Apache and MySQL. After the deployment environment is up and running, go to localhost and click on the link with the same name as the repository, CSCI-3308-Fall21-013-07. From there, click on the link called "root." Now the user is on the website. However, there are a couple more things to do to make the app functional. Go to localhost/phpmyadmin/ and create a new database called "drawing." After that, copy and paste the code in the .sql files in root/includes called userinfo.sql and drawings.sql. Now, the database should be working properly and the website fully functional. When done using the application, click stop for the Apache and MySQL options in XAMPP.