

## Tristan Pommering Summary of Hours

Proof of all coding work can be verified in the commits section of our repo:

<https://github.com/reed2ep/SeniorDesignProject/commits/main/>

As for proof of meetings I'm not sure how to link MS Teams meetings but we had 1 hour meetings on teams and in the fall an extra hour in person

Total Hours: 41 FALL and 52 SPRING = 93 hours of total work for both semesters

Total Contribution: roughly 25%

### FALL

Total hours among entire team ~ 160 hours

I contributed roughly 25% of effort with my 41 hours of work

Justification: Since Fall semester was mostly dedicated to planning we had 2 meetings a week where we did group work together then planned solo works on our meetings with advisors. We also decided to start working on the project early just in case we run into any roadblocks. We had initial ideas on each member's part on the app which may have changed overtime but at the current point I was working on the framework and UI of the app and testing.

### SPRING

Total Hours among entire team ~ 200

I contributed roughly 25% with my 52 hours of work

Justification: Spring semester was all about development. Our meetings were structured with the format of: What did we do, possibly a demo, Any new issues. Then we discussed what needs to be done and distributed the work evenly as possible. Then we discussed any possible future changes, issues, or upcoming assignments. As for the development I was primarily working on UI features to make the app feel more user friendly and less bloated with too many option and dropdowns and screens. I also was the main tester running the app on my phone directly instead of an emulator so I could get a real idea of how the app acts for a user.

## TIMESHEETS

Time(hours) Date Topic FALL

1 :Sep 5 Group Meeting Intro discussion

1 :Sep 12 Meeting Planning

1 :Sep 14 Individual capstone and team contract review

1 :Sep 19 Group Meeting

2 :Sep 21 Researching and project write up

1 :Sep 25 Meet with project advisor

2 :Sep 30 Researched AI methods

1 :Oct 2 Meet with Project advisor

1 :Oct 3 Group Meeting

2 :Oct 7 Researched App development tools

1 :Oct 9 Meet with Project advisor

1 :Oct 10 Group Meeting

2 :Oct 14 Set up environment

1 :Oct 16 Meet with Project advisor

1 :Oct 17 Group Meeting

3 :Oct 21 Created blank test app and verified functionality with buttons and setup emulator

3 :Oct 28 Created a writeup on environment setup and added blank app to project

1 :Oct 30 Meet with Project advisor

1 :Oct 31 Group Meeting

2 :Nov 4 Added Gallery functionality

3 :Nov 11 Merged Camera and Gallery page and tested app physically on my phone

2 :Nov 18 Attempted to modify the UI and update app splash screen and app icon

1 :Nov 21 Group Meeting

2 :Nov 25 Researched alternative Blob detection methods

3 :Nov 26 Attempted alternative blob detection methods

Total 41 Hours

Time(hours) Date Topic SPRING

1 :Jan 21: Meeting (Planning for the semester)

1 :Jan 28: Group Meeting

3 :Feb 1 Created a first attempt at a way to modify hold types on annotation page

4 :Feb 3 Tried to create a way to crop images

1 :Feb 4 Group Meeting

3 :Feb 8 Created draft of user docs explaining every part of the app and what each button does

1 :Feb 11 Group Meeting

2 :Feb 15 Worked on Presentation Slidedeck

1 :Feb 18 Group Meeting

4 :Feb 22 Revised the way user can modify hold types on annotation page allowing them to change them in a easier way

1 :Feb 25 Group Meeting

1 :Feb 27 Put the latest version of the app on my phone and tested for issues or bugs as well as performance

2 :Feb 28 Fixed a bug where the image was not filling the entire screen

2 :March 1 Fixed some UI related issues and added a save button to better reflect the layout of the other buttons

1 :March 4 Group Meeting

3 :March 8 Tested app on my phone and reported any issues or bugs

1 :March 11 Group Meeting

1 :March 15 Renamed paged on app to reflect final design

3 :March 16 Removed unneeded extra buttons and reworked them a bit

2 :March 18 Created my draft of the expo poster

3 : March 22 Tested app on my phone using various pictures and reporting any bugs

2 : March 24 Created expo slideshow draft

1 :March 25 Group Meeting

2 :March 26 Put the latest version of the app on my phone and got various test images showing all the results

2 :March 29 Finished final expo slideshow with tested images from app

1 :April 1 Group Meeting

2 :April 3 Put the final version of the app on my phone and made sure the app was working flawlessly for the expo testing various images

All day April 8 EXPO

1 April 11: Finalized repo and self reflection

Total 52 hours