

- **September 8, 2022:** Met with the advisor/TA for the first time and talked about the goals for the project. We created a team discord to help coordinate meetings/tasks and we also created the GitHub necessary for this project. It seems like the first step is gathering a lot of photos of turtles from a bird's eye view perspective and then start building a neural network to identify turtles. I am super excited to work on this project and help further it!
- **September 9, 2022:** Met with the team via discord and created the vision statement together and linked Zen hub to GitHub.
- **September 20, 2022:** Met with Dr.Akbas and talked about the scope of the project and what we are expecting to complete this sprint. We distributed tasks to each team member within the documents and created a plan for what we want to do once we receive the Jetson and how we are going to document the procedures of getting a Jetson running.
- **September 25, 2022:** Met with the team and answered any concerns we had with the documents. I started creating section 1 of the SDD document and made the high-level architecture design.
- **October 4, 2022:** Met with Professor Ahkbas and discussed everything we have done and what needs to be done. Got our hands on the Jettson and was able to get it running on the computer.
- **October 6, 2022:** Merged files from google drive to Microsoft teams for easier conversion of files in the future when they get bigger. Reviewed the documentation with the team and started creating the demo PowerPoint.
- **October 7, 2022:** Completed version one of SRS and SDD document and turned them into canvas and uploaded them to our GitHub.
- **October 13, 2022:** Messed with the Jetson for about 30 minutes once we got it running on the computer again to get a better understanding of how it operates
- **October 14, 2022:** Met with the team over discord and planned out our sprint one demo presentation and assigned sections of the test plan
- **October 16, 2022:** Completed my section of the PowerPoint demo and started working on the test plan
- **October 18, 2022:** Met with the team before class and presented the sprint 1 demo to the class. Overall went well but the slides kind of seemed like a mess but a good learning lesson and a lot to improve and work on for sprint 2. Also uploaded the system test plan to teams and assigned sections to team members.
- **October 19, 2022:** Met with the team and completed the test plan and turned it into canvas and uploaded it on to the GitHub.
- **October 24, 2022:** Met with the team and discussed sprint 1 demo and turned it in to GitHub.
- **October 27, 2022:** Assigned tasks for sprint 2. I was assigned obtaining turtle track images, getting a more concise PowerPoint for sprint 2 and researching how to add timestamps to images.
- **October 28, 2022:** Completed my section of the test plan

- **October 30, 2022:** Met with the team and reviewed and discussed each other sections of the test plan. Also looked over the neural network and brainstormed ways we can improve the neural network. Will displayed the progress we have made on the code.
- **November 2, 2022:** Reached out to my team to see what they need help with on the test plan.
- **November 3, 2022:** Received feedback from Dr. Ahkbas on version 1 of SRS and SDD. I then went through and began to fix my sections that received comments.
- **November 5, 2022:** Compiled turtle track images into a folder
- **November 7, 2022:** Met with the team on Discord and discussed version 2 of the SDD and SRS. We made corrections and made sure everyone was on the same page.
- **November 8, 2022:** Met with Will and Parker and worked on the Jettson and Documented some of the process. Completed and turned in the SRS and SDD. I updated the formatting of the SRS and SDD since we merged them from google to Microsoft, I had to create all new documents and copy and paste everything over to fix the formatting. Also created the sprint 2 PowerPoint and assigned section to team members. Sprint 3 begins today
- **November 11, 2022:** Completed my slides of the PowerPoint, researched timestamping and began an attempt at it.
- **November 13, 2022:** Obtained more turtle track images to add to the folder
- **November 14, 2022:** Reached out to my team and asked them to complete their slides by tonight so that I can format them nicely
- **November 15, 2022:** Team members completed slides at last minute, so I had to work fast on getting everything formatted and fixing the flow of the presentation, met with the team before class and reviewed everything. Presented the demo
- **November 17, 2022:** Obtained more turtle track images to add to the folder
- **November 22, 2022:** Obtained more turtle track images to add to the folder
- **November 27, 2022:** Uploaded my turtle track folder to the teams in order to start working with it in the neural network
- **November 28, 2022:** Met with the team and pushed to complete the demo early so we can have a nicer presentation and not rush this time. Created sprint 3 demo powerpoint
- **November 29, 2022:** Assigned slides to each member and discussed what we have accomplished this semester and what we want to do next semester
- **December 1, 2022:** Completed my slide and worked on starting to create a nice concise presentation and adding my team members info to it. Received revisions for SRS and SDD and began to fix the minor edits to my sections
- **December 2, 2022:** Worked on the PowerPoint.
- **December 3, 2022:** Worked on the PowerPoint and finished my section of the documentation and helped team members finish up their edits as well
- **December 4, 2022:** Worked on the PowerPoint and added the final version to teams, I am just waiting for Parker to complete his slides.

- **December 6, 2022:** Presented the final demo, discussed how we are going to accomplish the 3-minute video and the test plan. Reserved a study room for Thursday to do our video in.
- **December 7, 2022:** Worked on the video resources for the 3 min video and talked with Will to plan out how we want to accomplish it tomorrow. Edited test plan and fixed my sections.
- **December 8, 2022:** Met with the team in the library and recorded are video. This meeting was very hectic as many team members were unprepared or did not understand the task at hand. Test plan was completed and submitted. Created engineering notebook folder on GitHub and uploaded my engineering notebook to it.