**DATE1 – 1/23/2025**

Hunter Reinhart

* Have done:
  + Performing research on a solution to finding product images.
* Will do:
  + Perform more research on solution.
* Obstacle:
  + Need to meet with Michale Flack for more in depth explanation of their process so we can start work on an actual solution.

Shan Sahib

* What did I do?
  + We spoke with our sponsor to discuss priorities on this project and spoke with our cyber security team for this week.
* What I will do?
  + Create a Github link to share with team members and the cyber security team.
* Obstacles:
  + Allocating the appropriate time to meet with Micheal Flack to discuss the technical details of the application.

Sammy Allen

* What I've done:
  + Research on motion as well as existing tools that we may use to assist us.
* What I will do:
  + Learn the current image aggregation process.
* Obstacles:
  + We need more information on the specifics of the website and what needs to be prioritized.

Hamza Adnan

* What I have done:
  + Met with our sponsor today and discussed challenges and obstacles in getting started with an application for Motion.com product image upload software.
* What I will do:
  + We need to meet with Michael Flack from Motion.com to gain more information about how we can find the images and how to cross-check the images with the product description.
* Obstacles:
  + Finding an API to communicate with Motion.com's website to upload images and researching if there are softwares out there which already accomplish that.

Drew Wolfe

* What I have done:
  + Researched potential apps/software available.
* What I will do:
  + More research on apps/software that also look for images online using certain parameters.
* Obstacles I am facing:
  + I need to meet with Michael Flack for priorities of what needs to be done.

**DATE2 - 1/28/2025**

Hunter Reinhart

* What I've Done:
  + Researched and met with our sponsor
* What I will do:
  + Research more on scrapers, try and solve some of the obstacles.
* Obstacles:
  + Tons of them honestly. Excel sheet, URLs, parsing, learning Python.

Shan Sahib

* What I have done:
  + Created and shared the Github repository with the appropriate individuals. Also spoke with our sponsor to discuss our next course of action.
* What I will do:
  + Figure out the proper way to interpret the information provided during our meeting about the manufacturing websites and start the website for the project.
* Obstacles:
  + Researching the multiple manufacturers' websites to find out the appropriate way to extract the images.

Sammy Allen

* What I've done:
  + Research possible applications we can use.
* What I will do:
  + Look into how we will find the product page and scan for pictures.
* Obstacles:
  + Figuring out how we will link together multiple apis to reach out goals.

Hamza Adnan

* What did I do?:
  + Met with the sponsor and discussed course of action and the processes for image upload.
* What will I do?:
  + Research strategies and applications which can aid in automating the image upload process by scraping the internet. (i.e. Scrappy, PlayWright)
* Challenges:
  + Figuring out how to tie manufacturer name to product number and identifying which web scraper would be the best to find images based on manufacturer name or product number.

Drew Wolfe

* What I have done:
  + Research on potential image scrapers and languages they support
* What I will do:
  + Further research on Scrappy and Playwright on issues they have with finding images on different website formats and how to make them talk/store the images they find
* Obstacles:
  + The current Excel sheet we would use does not have the Manufacturer name and Product name which would be important to scrape for images

**DATE3 - 1/30/2025**

Hunter Reinhart

* Have done:
  + Searching for a reliable way to format URLs of manufacturer websites for our search protocol.
* Will do:
  + Continue to format URLs, and work on framework for reading in and parse input from an excel file into Python.
* Obstacles:
  + Not that good at Python. Manufacturers do not have websites. Can't find images online at their websites. Inaccurate information from manufacturers.

Shan Sahib

* What I did:
  + Spoke to the cyber team and discussed the possible approaches for image scrapping based on the manufacturing information.
* What I will do:
  + Start the framework of the program so we can have a basis to develop the application.
* Challenges:
  + Some of the manufacturers from the list do not have the item images themselves, so thinking of an efficient way of image scrapping is needed.

Sammy Allen

* What I did:
  + Looked into how to find the product page and scan for pictures for some manufacturers.
* What I will do:
  + Look into image formatting via python.
* Obstacles:
  + Some websites are much harder to find what we are looking for than others.

Hamza Adnan

* What I have done?:
  + I have researched different parts and product images which can be found through google searches.
* What will I do?
  + Start creating a program with python to scrape the internet for images based on product number.
* Obstacles/Challenges:
  + Some products we cannot find any pictures of anywhere.

Drew Wolfe

* What I have done:
  + Research on how realistic ways to search for images are
* What I will do:
  + Work on establishing the project website
* Obstacles:
  + I need to learn about hosting a website on GitHub

**DATE4 – 1/31/2025**

Hunter Reinhart

* Have done:
  + Searching for a reliable way to parse the excel spreadsheet.
* Will do:
  + Continue to format URLs, and work on framework for reading in and parse input from an excel file into Python.
* Obstacles:
  + Not that good at Python.

Shan Sahib

* What I have done:
  + I started experimenting with Python locally so we can use the correct libraries once we meet next to have a code basis of code to start development.
* What will I do:
  + I will continue to build on the Python code to ensure we are on track to have some development ready soon.
* Challenges:
  + Some of the syntactical specifics may cause some issues since my experience with Python is limited.

Sammy Allen

* What I've done:
  + looked into image formatting with python.
* What I will do:
  + Continue to research image formatting.
* Obstacles:
  + Finding a good way to search for the images we need.

Hamza Adnan

* What I have done?:
  + I have researched some programs which can scrape images off the internet though python and python libraries.
* What will I do?
  + I will figure out how to have an operating program to input a product name and find its images.
* Challenges/Obstacles:
  + It is still difficult to find some of the prodcucts from the excel spreadsheet provided by motion.com so that will be a bit of a challenge.

Drew Wolfe

* What I have done:
  + Look into hosting and building a website on GitHub
* What I will do:
  + Build and setup the website on GitHub
* Obstacles:
  + Not hosting a website on GitHub before so needing to look at a tutorial video

**DATE5 – 2/4/2025**

Hunter Reinhart

* What I have done:
  + Created python program to read and parse input from Excel spreadsheet.
* What I will do:
  + Continue to refine the program and combine our pieces into a single program.
* Obstacles:
  + Combining our programs

Shan Sahib

* What I did:
  + I got the project website running through GitHub through some troubleshooting and met with our sponsor to discuss our progress.
* What I will do:
  + I will work with the team to document and develop a functional demo for the first Sprint.
* Challenges:
  + Putting the separate pieces of the program together to be functional in unison.

Sammy Allen

* What I've done:
  + Create a program that takes an image and formats it to specifications
* What I will do:
  + Modify the program to accept and output multiple images.
* Obstacles:
  + Integrating the code with other code.

Hamza Adnan

* What I have done?:
  + I have created a sample python web image scraper program which takes in an input of manufacturer name and part number to look up images.
* What will I do?:
  + I will test my program more and make sure most part numbers are producing accurate results. Also, I will prepare for our next meeting to combine all the code we have.
* Obstacles/Challenges:
  + It will be difficult to put all our code we are working on separately and integrate it together.

Drew Wolfe

* What I have done:
  + Write the draft of the project website
* What I will do:
  + Consolidate a Sprint 1 demo and get documentation on the website
* Obstacles:
  + Integration

**DATE6 – 2/6/2025**

Hunter Reinhart

* What I have done:
  + Push to github, generalize excel parser
* What I will do:
  + Work on solution to combine our work
* Obstacles:
  + Paper, and labs for other classes, still not Python proficient

Shan Sahib

* What I have done:
  + Met with the cyber team and looked into connecting the separate Python programs to be fully functional together
* What I will do:
  + Apply the correct Python code to the repo
* Obstacles:
  + Figuring out the correct way to change the code without disrupting the functionality

Sammy Allen

* What I did:
  + Change the image format code to work with multiple files.
* What I will do:
  + Figure out what I need to change for the code to work with the other code
* Obstacles:
  + How to connect all of our code together

Hamza Adnan

* What I have done?:
  + I have combined both our excel parser and image scraper to work together to scrape images.
* What I will do?:
  + I have to make sure I can get the git repo on my computer and then push everything I have to the repo.
* Obstacles/challenges:
  + We need to do more testing and also incorporate how we will format the images according to motion.com's image naming procedures.

Drew Wolfe

* What I have done:
  + Research on how to connect all project files
* What I will do:
  + Format files in GitHub
* Obstacles:
  + Learning python imports and how to make them work together

**DATE7 – 2/7/2025**

Hunter Reinhart

* What I have done:
  + Looked over Github
* What I will do:
  + Work on solution to combine our work
* Obstacles:
  + Labs for other classes, still not Python proficient

Shan Sahib

* What I have done:
  + Researched into how to access multiple files together in Python
* What I will do:
  + Continue to work towards finding a way to combining the programs
* Obstacles:
  + Getting better at understanding Python

Sammy Allen

* What I did:
  + Research into how seperate code segments interact with each other
* What I will do:
  + Attempt to implement my code into the other code
* Obstacles:
  + We haven't figured out where we want to store the pictures yet

Hamza Adnan

* What I have done:
  + I have combined my program files with my gorup member program files and pushed it to the repo.
* What will I do:
  + I will do more testing of the program and figure out how to integrate the program to format the files into the main program.
* CHallenges/Obstacles:
  + Right now we are getting inaccurate images from the product mfr name and part number

Drew Wolfe

* What I have done:
  + Format the GitHub better
* What I will do:
  + Look into what companies have viable websites
* Obstacles:
  + More to learn about python

**DATE8 – 2/13/2025**

Shan Sahib

* What I have done:
  + Spoke with the cyber team and was notified about a potential security vulnerability.
* What I will do:
  + I will add the security feature that the cyber team suggested.
* Challenges:
  + Figuring out how to implement the security fix without messing up the functionality of the program.

Drew Wolfe

* What I have done:
  + Try to find out how to have better accuracy in pictures
* What I will do:
  + Put the documentation on the project website
* Obstacles:
  + Need to meet with Michael on the importance of accuracy of pictures

Sammy Allen

* What I did:
  + Work on our sprint 1 documents
* What I will do:
  + Finish our sprint 1 documents
* Obstacles:
  + Sprint 1 documents

Hunter Reinhart

* What I have done:
  + Updated search with Prod Description, Sprint presentation
* What I will do:
  + Sprint presentation, work towards image formatting
* Challenges:
  + Accuracy, run time

Hamza Adnan

* What I have done?:
  + I have updated our image scraper to check more than one entry and showed it to our sponsor.
* What will I do?:
  + I want to incorporate product description into the search query.
* Challenges/Obstacles:
  + Figuring out how to find the accurate images.

**DATE9 – 2/15/2025**

Hunter Reinhart

* What I have done:
  + Sprint presentation
* What I will do:
  + Sprint presentation, work towards image formatting
* Challenges:
  + Accuracy still, run time alright I guess

Shan Sahib

* What I did:
  + I started researching the security fix that the cybersecurity team mentioned.
* What I will do:
  + I will complete the sprint retrospective and the security fix before sprint 1.
* Challenges:
  + Implementing the code in Python without disrupting the functionality.

Sammy Allen

* What I did:
  + work on sprint 1 documents
* What I will do:
  + work on sprint 1 documents
* Obstacles:
  + sprint 1 documents

Hamza Adnan

* What I did:
  + I have tweaked our image scraper program and did more testing.
* What will I do?
  + Work on sprint 1 presentation and docs.
* Challenges/Obstacles:
  + Finding accurate images and incorporating more parameters into the search query

Drew Wolfe

* What I have done:
  + Put together project backlog
* What I will do:
  + Put all Sprint 1 documents on the project website
* Obstacles:
  + Needing to meet with Michael