Team Name: sdmay24-11
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Report Period: Sept 10th - September 24th

Summary of Progress in this Period

We started this period creating our requirements for the project. Most of our requirements came from project proposal with a few coming from our initial conversation with our client as well. We split our requirements into functional, resource and qualitative requirements. The functional requirements define what the API will do at the end while the resource constraints lay out what services and tools we will use in the project. The qualitative requirements mostly came from the client telling us what they would like to see included and some safety guidelines since we will be using their AWS account.

The hardest part of the requirements planning was figuring out applicable engineering standards. There are not many standards related to AWS or Cybersecurity yet. Our main standards are the ISO standards related to software development and an AWS standard put out by AWS related to identity access management.

During this period we started learning about AWS and how to use the tools. After finalizing the project idea, we started using personal AWS accounts to learn more about the various aspects of AWS. So far we have worked with S3 and EC2 services as well as investigating IAM and permission controls. These learning goals were tracked on a Google Doc.

Pending Issues

Need to meet with client again to figure out project structure and get access to AWS tools.

Plans for Upcoming Reporting Period

We plan to create a full project plan and timeline in the coming weeks as well as continue our learning goals with AWS. Part of our learning goals will be using a competitors tool called Flaws to learn what vulnerabilities are possible and how they set up their project.