

Team Name: sdmay24-07

Team Members:

Abdelrahman Mohamed, Anirudh Ambore, Evan Hanson,
Mishari Alharbi, Wonjun Choi, Ziyad Alqahtani

Report Period: Oct 29-Nov 5

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Summary of Progress in this Period
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We have begun to look into AWS and different services we will use. We learned about EC2, a service that can host our server. To manage simple computations that take less than 15 minutes, we have found Lamda, which takes a serverless approach for handling requests. Along with this, we began to look at ways in which we can test our software being developed. The two scenarios we want to test our models are running them both on a local PC and through a cloud service (AWS). Secondly, we want to compare the accuracy and performance of our models with those of another model using a different logic.

1. Team meeting summary:

- The professor pointed us to work on AWS, figure out what APIs to use, and what services from AWS we will want to utilize
- Discuss how we will be able to test our design

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Pending Issues
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- Need a better understanding of AWS and all services that are available to our team
- Decide on what APIs we want to use for our project.
- Deciding on a testing plan that connects the requirements and the design.

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Plans for Upcoming Reporting Period
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- Focus on learning and understanding AWS as we will deploy it on the Cloud.
- Continue working on image classification of cancerous and non-cancerous skin lesions with AI using Keiras.
- Look into other APIs like Scikit Learn, for example.
- Find and use diverse datasets to train our AI model.