

Mohammed Uddin 2652-LEC

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Project Title: Automated Left Ventricular Segmentation

**Time Log From  
5/1/2024-5/10/2024  
9 hours Total**

<b>Date</b>	<b>Duration</b>	<b>Type</b>	<b>Description of completed work</b>	<b>Challenges and/or next steps</b>
5/1	2 hours	Documentation	Worked on the slide deck and got 10 slides done	Work on more slides. Ask Professor McNeil what he thinks of the results.
5/2	2 hours	Documentation	Worked on the slide deck and got another 10 slides done	Finish the slides
5/6	2 hours	Organization, Coding	I completely forgot that there was a test dataset used for evaluating the model on data it had never seen before that came with the rest of the data. I then spent the day working on trying to organize the test data and then retraining the model so that it could be predicted on the test set.	Send the results to Professor McNeil (he asked for the results on the test set rather than validation because the validation set was used during training)
5/10	3 hours	Documentation, cleanup of notebook	I finished up the rest of the slides for the deliverable. I also recorded the final demo. I also sent the cleaned notebook with the results on the test data to Professor McNeil	

**This Weeks Summary**

This week was pretty stressful due to so many things happening in my life at once but I managed to finish up this project. I worked on the slide deck needed for the final project deliverable and did the final demo recording. I also was reminded by Professor McNeil that it is more important to evaluate a model on data it has never seen before to see how good the model is at predicting. I then spent time organizing and preparing the test data provided so that anyone could see how good the model's predictions were against the real masks.