

TRUCK DETECTION PROJECT PLAN

	Features	Description	
FALL			
5-Oct		Prototyping due on Oct 12	
12-Oct	Documentation	Release plan and first iteration plan due Oct 19	
19-Oct	Documentation	Use cases, Vision Scope, Release Plan Documentations. Research Problem with Clients. Understand the Problem.	
26-Oct	Documentation		
2-Nov	Download the dataset /Start labeling the dataset	Finished getting the images - MapBox API	
9-Nov	Start build the baseline U-Net Model/ Testing	Initialize the baseline	
16-Nov	Presentation	Presentations on Nov 13 and Nov 16	
23-Nov	Documentation	Final exam, winter iteration plan due on Nov 24	
WINTER			
30-Nov	Bug Fixes, Code Review, Check Raising Problems	Winter Iteration	
7-Dec			
14-Dec			
21-Dec			Labeling the dataset in polygon format
28-Dec			Implement the dataset with Detectron2
4-Jan			Testing the result with Detectron2
11-Jan			Visualize the result using Google BigQuery and Kepler.gl
SPRING			
18-Jan	Visualize the result using Google BigQuery and Kepler.gl	Spring semester starts this week, review meeting with client and instructor	
25-Jan	Raise Engineering Problem/Sale Prediction Project Research	Review meeting with client and instructor discuss about engineering problem	
1-Feb			
8-Feb			
15-Feb	Solving Storage Problem and Deploy on Google Cloud	Review meeting with client and instructor	
22-Feb			

1-Mar		
8-Mar	Solving Storage Problem and Deploy on Google Cloud	Review meeting, project development done (feature-wise) on March 15
15-Mar		
22-Mar		
29-Mar	Testing/ Bug Fixes/ Deployment/ Documentation	Client acceptance test, bug fixes, deployment and documentation
5-Apr		Testing and Deployment
12-Apr	Testing/ Bug Fixes/ Deployment/ Documentation	Project (including source code and documents) hand over to client by April 20, prepare final presentation
19-Apr	Final Presentation Prep	Final Presentation Prep
26-Apr	Final Presentation Week (April 30 Final Presentation Day)	Final Presentation Week (April 30 Final Presentation Day)
3-May		Final exams, all documentations due