Instrument Recognition Software
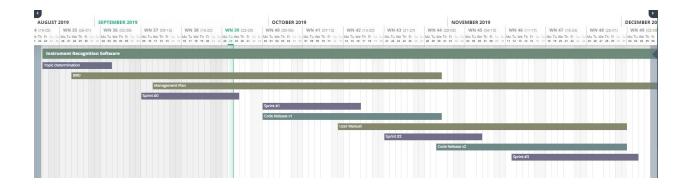
Management Plan

A strategic approach to the development and timely

export of machine learning software by Team Six

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Gantt Chart: 9/23/19

The gantt chart allows us to visualize what our allocated time are on a graph. This allows us to

use and keep track of our time wisely. It can also be used to plan future events so that we will not

be late in turning in assignments. Overall, it is just an efficient way to view our allocated time on

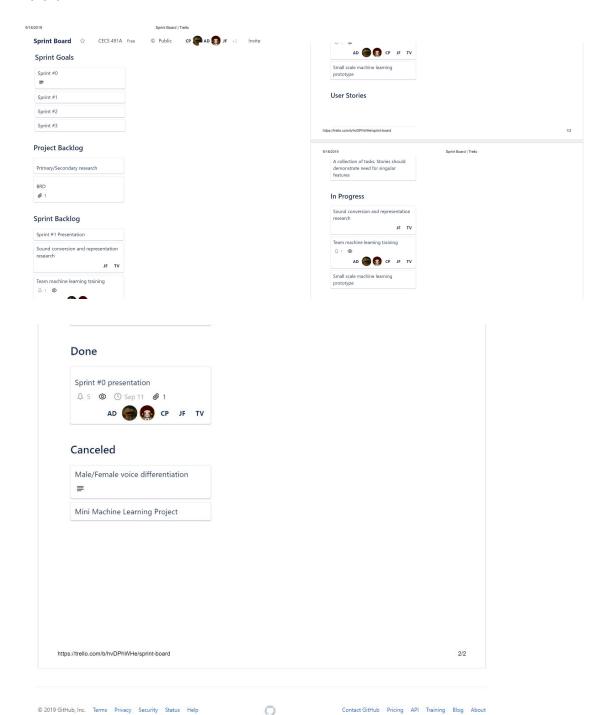the project.

Project Tracker Matrix

	A	B	C	D	E	F	G	H	I	J	K	L	M
	Project:	Instrument Recognition Software					Project Team:	6					
	Start Date:		9/9/19				End Date:	9/24/19					
	Task	Task Type	Task Status	Est SLOC	Actual SLOC	Priority	Assigned To	Assigned Date	Deadline	Estimated Hrs	Start Date	End Date	% Done
	Primary Research	Marketing	Completed	N/A	N/A	High	Joe	10-Sep-19	15-Sep-19	6	10-Sep-19	15-Sep-19	100
	Secondary Research	Marketing	Completed	N/A	N/A	Medium	Aleks	10-Sep-19	13-Sep-19	5	10-Sep-19	13-Sep-19	100
	User Stories	Marketing	Completed	N/A	N/A	Medium	Axel	15-Sep-19	18-Sep-19	4	15-Sep-19	18-Sep-19	100
	Segment Profile	Marketing	Completed	N/A	N/A	Medium	Aner	15-Sep-19	18-Sep-19	2	15-Sep-19	18-Sep-19	100
	SWOT Analysis	Marketing	Completed	N/A	N/A	High	Cuong	15-Sep-19	18-Sep-19	2	15-Sep-19	18-Sep-19	100
	Monetization/Commercialization	Marketing	Completed	N/A	N/A	Medium	Axel	15-Sep-19	18-Sep-19	2	15-Sep-19	18-Sep-19	100
	Market Segments	Marketing	Completed	N/A	N/A	Medium	Aner	15-Sep-19	18-Sep-19	2	15-Sep-19	18-Sep-19	100
	Project Tracker	Development	In-Progress	N/A	N/A	Low	Joe	15-Sep-19	18-Sep-19	2	15-Sep-19	18-Sep-19	100
	Gannt Chart	Development	In-Progress	N/A	N/A	Medium	Cuong	15-Sep-19	18-Sep-19	2	15-Sep-19	18-Sep-19	100
	Burndown Chart	Development	In-Progress	N/A	N/A	Medium	Thomas	15-Sep-19	18-Sep-19	2	15-Sep-19	18-Sep-19	100
	Total Hours Spent	1000	Hours										
	Project Progress	100	%										

Task Management Velocity

The time length for Sprint 0 was 11 days and in the beginning of the sprint the team projected that it'd take about 84 hours to complete all of our tasks. In the end we discovered that we gave too much time for all of the tasks and finished most of our work around 42 hours. The graphs below shows an in depth view of what our tasks are. The group decided that each task would take around 3-5 hours each.
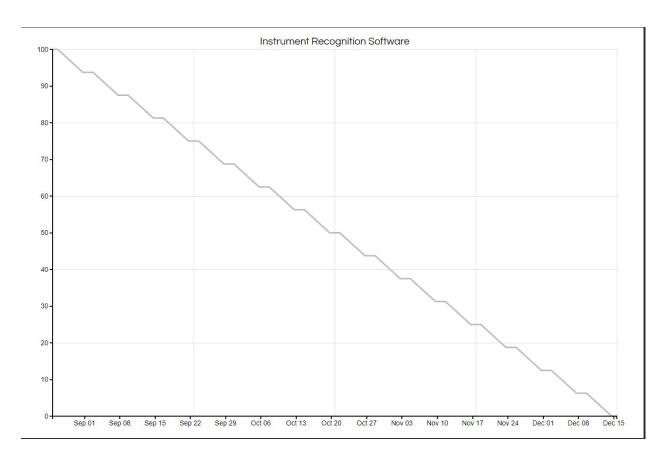
Sprint Board

Before

After

Burndown Chart

Sprint Retrospective

What worked well?	What could be improved?
What will we commit to doing in the next Sprint?	*Scrum Team members make actionable commitments*

Currently we have succeeded in clearly defining roles for each member. However, we still need to improve on our cooperation and communication, as we still are overlapping workspaces and do not fully comprehend machine learning. We will make sure to have clear communication between each other without too much noise as well as at least nearly have a complete understanding of machine learning and how to design a learning program on our own.

We were able to meet most of out sprint goals and got most of the deliverable on time. We finished a majority of the tasks we had on sprint #0, however, we faced a few minor setbacks due to scheduling interview question appointments for the primary research. Our team's velocity is estimated to be around 90 hours. Since we have a team of 6 and each of us is approximately doing 5 hours each week for 3 weeks. The burndown chart looks like we have a steady linear workflow with our 11 day plan. We completed a majority of out goals over the averaging about

9% of our work per day. We did not really allocate much towards programming, but it did cover much of the document's writeup.