Daily Log

Detail for each day about what you researched, coded, debug, designed, created, etc. Informal style is OK.

Monday November 18

Created MIDI file for our robot to play for our winter goal

Tuesday November 19

Established github repository, created readme file, and organized github into folders

Thursday November 21

Met with Jason to continue discussing the physical aspects of our robot (including chassis) and how specifically we plan on achieving our winter goal

Timeline

Date	Goal	Met
November 11	Coordinate even more LEDs with file that contains more than 14 notes	No; worked on/viewed presentations and began incorporating servos into project
November 18	Successfully play a single note on Jason's robot	Partially met; successfully played a single note using a component of Jason's robot as the robot structure was not built yet
November 25	Successfully play multiple notes on Jason's robot	Not met; we need to order the necessary supplies in order to complete this goal
December 2	Successfully control multiple Servos with shift registers (if we have them by then)	
December 9	Finish robot chassis	
Winter Goal	Successfully play a complete song	

Reflection

In narrative style, talk about your work this week. Successes, failures, changes to timeline, goals. This should also include concrete data, e.g. snippets of code, screenshots, output, analysis, graphs, etc.

Overall, I am satisfied with my accomplishments this week. In order to make our winter goal as attainable as possible, I decided to have our robot play "Merrily we roll along." This song has only three notes, all of which are played relatively slow (as can be seen below). This will allow us to focus on the main basic goal of having multiple servos work with shift registers, not secondary goals such as playing with dynamics or playing fast notes.

Looking towards the future, Jason and I have decided that we are going to have to order more wood in order to complete our two-part chassis. Through our discussing we were able to agree on the specifics of our winter goal, namely using three servos with one shift register in order to play "Merrily we roll along."

View / Composer (for Instrument tracks)

This screen shows the music for the active track, selected in the **Mixer** screen.
Since the track's **Type** attribute is set to **Instrument**, it shows sheet music. If you would prefer to edit a Piano Roll format, click the field that says **Staff** and change it to **Piano Roll**.