The gloves are fashioned to be secure and doesn't hinder the player's ability to bend his/her joints.	 Players will be able to play the piano without any hindrance or discomfort. <u>Inspection</u>: Surveys will be conducted to gather user experience on comfort and mobility while playing the piano.
The system is designed to be replicable for a piano with different key sizes.	 The system is currently built to create a piano with 61 keys. This system can be modified to fit a different number of keys. <u>Demonstration</u>: Alterations of the code and LED strip will allow the system to fit any keyboard size.
The system provides the pianist with haptic feedback indicating which finger the pianist must use within 100 ms.	 Players will be able to use the glove and feel the haptic vibrations. which indicates what finger they should use to play the notes. <u>Inspection</u>: Surveys will be conducted to gather user experience on the strength, timing, and effectiveness of the motors.
The system provides the pianist with visual feedback indicating which keys to press within 100 ms.	 The user will have visual illustrations that will indicate to them what keys they should press and for how long. <u>Demonstration</u>: Surveys will be conducted to gather information on how effective the GUI is at helping learn how to play.

The system provides the pianist with auditory assistance on his/her playing within 100 ms.	 Players will hear the song selected play while they are practicing the piano. This vocal cue allows for the users to "hear" if they are playing the notes on beat. <u>Analysis</u>: A timer will be used to compare the length of how long the song was playing with the length of the actual song.
The system is designed to have less than 100 ms of latency between the user and the system.	 Players will be able to view/play/feel/listen to all of the systems synchronously. <u>Inspection</u>: Surveys will be conducted to gather user experience on the latency between the systems.
The gloves have a range of at least 5m.	 After choosing all the settings on the user menu, the player will be able to move at least 5 meters away from the computer with the gloves and will still be able to play the piano. <u>Demonstration</u>: Each member will test the maximum distance they can move away from the computer to gather average maximum distance.
The gloves have a battery life of at least 1 hour.	 The system will be able to continuously play for roughly 60 minutes without issues. <u>Inspection</u>: Variety of songs will be played for an hour to see if the battery is still powered.