Team 17: 5 Blind Mice Project Timeline (Spring 2020)																
Task	Week															
	Jan 13-19	Jan 20- 26	Jan 27- Feb2	Feb 3-9	Feb 10-16	Feb 17-23	Feb 24- Mar 31	Mar 2-8	Mar 9-15	Mar 16-22	Mar 23-29	Mar 30- Apr 5	Apr 6-12	Apr 13- 19	Apr 20-26	Apr 27- May 3
Project Proposal																
Design document rev 1																
Solution proposal																
Braille reader background research, finalize subsystem design specs, individual subsystem design																
Revision for Design Document																
Design document rev 2																
ADC algorithm research (tutorial)																
Audio mapping algorithm research																
Update on subsystem diagram for audio mapping part																
Install aeneas libraries, audio and ebook files for testing for audio mapping																
Build and test Audio Mapping on Python using aeneas library																
Install System Workbench																
Manager meeting																
Use feedback from MM to revise subsystem design																
Testing mapping file accuracy																
Audio parsing based on mapping file																
Configuration of ADC (potentiometer, power)																
Testing ADC output (single/continuous)																
Configure prescaler factor and test on LED																

Change speed dial to button and using on board push button to change lighting frequency of LED								
Prepare for midterm demo (update on subsystem design document, run complete test on all subsystem parts)								
Skills assessment (preliminary)								
Midterm demo								
Design document rev 3								
Integration of subsystems on microcontroller								
Update subsystem schematic for PCB design								
PCB design for the team (order, integration, soldering)								
Audio speed adjustment								
PCB review								
Skills assessment (deadline)								
PCB exception requests due								
Test sample production (4 speed) and pulse configuration research								
Audio syncing test and latency calculation								
Prepare for midterm demo(finalize design document, prepare presentation slides)								
Final demo								
Final design review								
Design document - final								
ABET								
*Bolds are major deadlines								
*Unbolds are specific tasks								