Requirement Summary:

Module Name	High level requirements	Points
Control Unit	1. Microcontroller can communicate with Arduino code from PC via USB cable 2. Microcontroller can send signals for Fret Pressing Unit, String Strumming Unit and Drumbeat Unit as the code specified 3. When the Play Button on the PCB is pressed, the signal of the signal of a specific music piece should be sent out and be played by the guitar.	25
Alarm Unit	The alarm on the PCB board can be set. When the set time is reached, the signal of a specific music piece should be sent out and be played by the guitar.	10
Fret Pressing Unit	The mechanical structural and actuators correctly react to the signals from the microcontroller. The corresponding music piece should be played.	5
String Strumming Unit	The mechanical structural and servos correctly react to the signals from the microcontroller. The corresponding music piece should be played.	5
Drumbeat Unit	The mechanical structural and servos correctly react to the signals from the microcontroller. The corresponding drumbeat should be played.	5
Power Unit	Correctly power up all other units (if this does not work, nothing works)	0