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| **Thing** | **Priority** | **Length** | **Person** | **Thing you’re using** |
| The BrainGuy (function headers) | Super Must Have | Eternal & Infernal & Oh So Good | Team | Java |
| Design GUI | Must Have | 3 weeks | Rachel/Gavin | Java Swing |
| compatible with computer keyboard | Must Have | 2 weeks | Eliana | Java Swing |
| a way to draw things | Must Have | 2 week | Helen | Processing |
| a way to translate drawings things into sound (instruments) | Must Have | 1 - 2 weeks | Felipe/Gavin | Max/Processing |
| Assign instruments to keyboard | Must Have | 5 days? | Eliana | Java Swing |
| save and load instruments | Must Have | 5 days? | Felipe | Java Swing/Max |
| export sound from max | Must Have | 1 week | Helen | Max |
| export visual files from Processing | Must have | 5 days | Gavin | Processing |
| produce art from playing the instruments on the keyboard | Must Have | 3 days | Gavin | Processing |
|  | | | | |
| able to play notes with the piano keyboard (external) | Should Have | 3 days | Helen | Max |
| Save and load keyboard layouts | Should Have | 4 days | Eliana | Java Swing |
| instrument adjusters | Should Have | 1 week | Felipe | Java Swing Max |
| modifiable drawing tools | Should Have | 1 week | Rachel | Processing |
| Improve visuals | Should Have | 2 weeks | Gavin |  |
| Improve audio | Should Have | 1 week | Helen |  |
| Improve interaction | Should Have | 2 weeks | Gavin |  |
| Improve GUI | Should Have | 1 week | Rachel |  |
|  | | | | |
| come up with a good name | Want |  |  |  |
| be able to import mp3, aif, wav files and map to keyboard | Want | 5 days | Felipe | Max |
| it would be cool to be able to “tint” certain instruments with imported audio files (multiply it with like a low frequency oscillator) idk -felipe | Want | 5 days | Felipe | Max |
| Be able to change the style of the drawings (output) | Want |  | Gavin? |  |
| modify final art product | Want | 2 week | Gavin |  |