# Lumi Build Video Script

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| **On Screen** | **Duration (in seconds)** | **Dialogue/Captions** |
| Opening Title Screen  Project Name  Student Name | 2 |  |
| Unboxing and Introduction of the parts | 5 | “The unboxing of my pet project: Lumi. A baby monitor that uses **\*cuts to\*** Fingerprint Reader, Neopixel Ring, Microphone, Promixity Sesnor” |
| Assembling the Raspberry Pi and sensors | 5 | “Soldering the components the PCB. And here I add the sensor hat to the Pi that will contain 3 sensors for testing.” |
| Powering up the Pi and showing the desktop and terminal | 4 | “My favorite part. Watching your work build up to this moment.” \*cuts to\* “This is what the Pi’s OS looks like”. |
| Video of the prototype Lumi | 2 |  |
| Functionality: Fingerprint Reader | 3 | “The fingerprint reader will act as security feature. Will activite LED green when successful and red when failed.” |
| Functionality: Neopixel Ring | 3 | “This neopixel ring has 12 lights and serves as the visual communicator to the users. With 12 lights in a circle, it can flash in different directions as well as flash in unison.” |
| Functionality: Microphone | 3 | “The microphone acts as a listener for baby cries and will trigger the neopixel ring.” |
| Functionality: Proximity | 3 | “Proximity is a neat feature that lets a user with their hands full be able to trigger Lumi.” |