**Legend**

**No Design: ND**

**Partial Design: PD**

**Full Design: FD**

**External Subsystem (Gloves) [PD]**

**User Hand Position**

**User Hand Position**

**Audio**

**User Input**

**Text Display**

**User Interface (UI) [FD]**

**Text to Speech Module [ND]**

**…**

**…**

**Sensors [PD]**

**Sensors [PD]**

**Prediction Algorithm [FD]**

**Validation Module [FD]**

**Training Module [FD]**

**Data Pipeline [PD]**

**Machine Learning Subsystem [FD]**

**Analog to Digital Converter (ADC) [PD]**

**Wireless Module [ND]**

**Mobile Subsystem [PD]**

**Analog to Digital Converter (ADC) [PD]**

**Wireless Module [ND]**

**Right Hand Glove [PD]**

**Left Hand Glove [PD]**

**Power Source [ND]**