

# **Background Information**

Individuals with disabilities use Augmentative and Alternative Communication (AAC) to communicate without their voice, these include Parkinson's disease, ALS, cerebral palsy, etc. Speechlanguage pathologists (SLPs) are often not able to equip a patient with the appropriate device because there is no standardized tool to guide the diagnostic process. This leads to false device choices which in turn leads to failure of use of the device.

## **Objective Statement**

Create a web application that aids in the diagnostic process for an appropriate AAC device.

Key Features	
Detects unsupported files	Displays an error message when the user uploads a file not saved from the assessmen
Tracks assessment progress	Progress bar updates according to the amount of questions answered
Detects unsaved work	Displays an alert when the use forgets to save their assessment progress before leaving the page
Engineering Specifications	
Quantitative Specs	Metric
AAC assessment process	≤ 2 hours

Number of app crashes  $\mathbf{O}$ **Qualitative Specs** Metric **User-friendly** User Interface October September • Web App Design • Engineering Specification • Embodiment Proposal

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