Project Overview

• Creating a mobile app that will adjust exoskeleton
• Allows manual adjustments
  ▪ Moving up and down
  ▪ Locking and unlocking joints
  ▪ Enabling and disabling standby mode
• Voice Controls
• Auto Leveling
  ▪ Automatically moves up and down
  ▪ automatic
System Architecture
Main page – No buttons active
Main page – Up and Lock active
Main Page – Standby active
Setting Page

[Image of a smartphone screen showing settings page with options such as Bluetooth Settings, Password Settings (TODO), Rename The Device (TODO), Voice Setting (TODO), and Auto-Leveling (TODO).]
What’s left to do?

• Continuous Voice Controls
• Make auto leveling more accurate
• Sending app usage data to database
• Polish UI and work on Globalization
• Device profiles
  ▪ Remembering user’s arm for auto connection
  ▪ Remembering state of user’s arm
Questions?