

Project Deliverable 2 Smart Prosthetic Arm Hybrid Prosthetics™

Prepared for:

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Project Scope

The focus of this project is a synthetic arm meant to benefit disabled individuals. This arm will have many functions, including temperature measurement, object detection, rotational axes (servos) and supports bluetooth/wireless connection. These functionalities will all be displayed to an app for the user to get all the information and control necessary to help with their everyday lives.

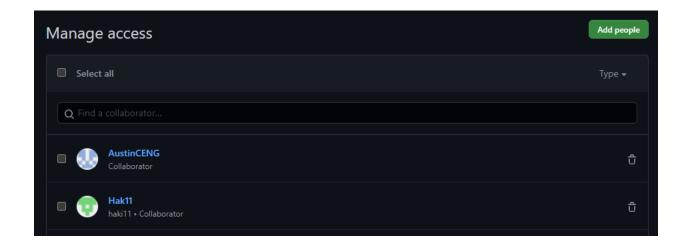
Name	Id	Signature	Effort
Samad Agha	n01364908	Sundan	100%
Kevin Santizo	n01382533	Karisan	100%
Narandre Ramdhan	n01240746	Borendrese	100%

Henry To	n01365792	Henry	100%
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Github Repo

https://github.com/KevinSantizo2533/SmartProstheticArm

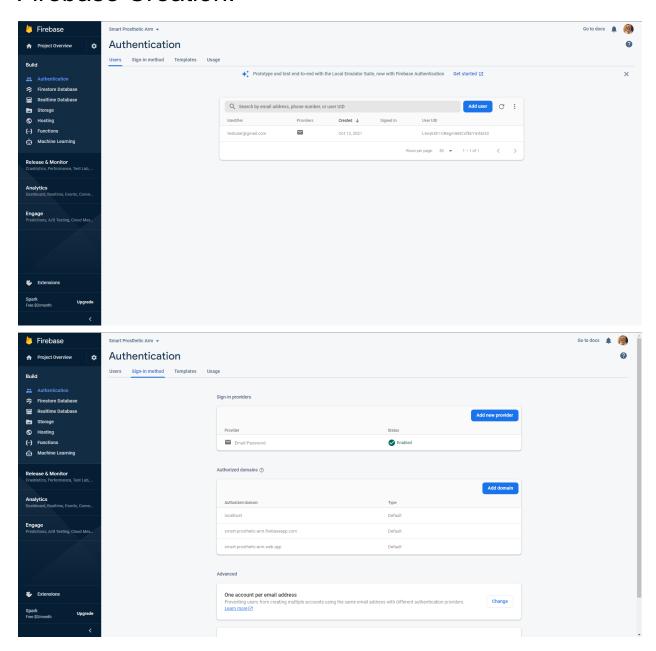
Github Invites:

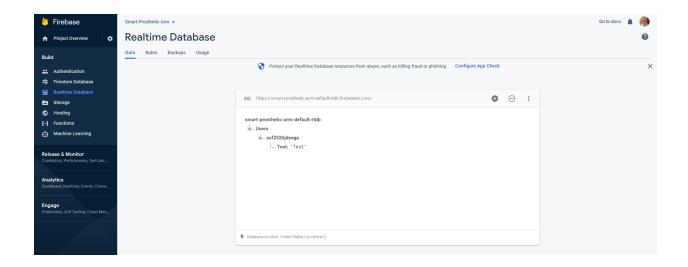


Business Model Canvas:

Business Model	Canvas	Designed for: Smart Prosthetic Arm	Designed by: Hybrid Prosthetics	October 11,2021	Version.
Humber Hospitals Insurance Company Parts Crib Charities Key Resourc Softwa and m Branch prosth Spons compa Key Resourc Softwa and en Physic	prosthetic devices Sponsorships from companies Key Resources Software developers and engineers Physical	Value Propositions User friendly app interface Help make the lives of PWDs easier Cost Reduction Performance Convenient Price	Customer Relationships 24/7 Customer support (Live Chat or over the phone) Fixing bug reports FAQ section on website Channels Google Play Email Social Media Telephone TV Commercials		
Cost Structure Platform maintenance and development *		App willWe will100/lot	t will be priced from \$150-\$300 Il have an option for monthly subscr I allow pharmaceutical companies to	lease the product in bu	

Firebase Creation:



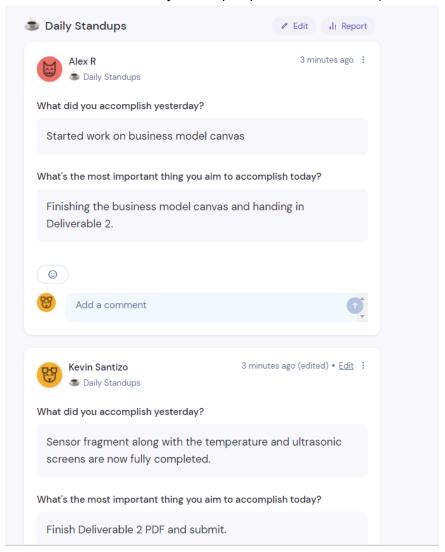


Progress Since 1st Deliverable:

- Added Login Screen
- Added Register Screen
- Added Forgot Pass
- Added firebase
- Added error on click for invalid text in login register
- Added several button redirects
- Added splash screen with icon
- Added bluetooth rune time permission
- Added Consistent backgrounds colours fonts
- Added Realtime Database
- Added menu items with icons
- Added setting screen options
- Change username
- Bug Report
- Added several images
- Added snackbar after runtime permission
- Added landscape
- Added French Strings
- Added redirects to sensor screen
- Added status screen

Stand-up Records:

Discord was used for daily standups up until October 11th(Switched to Friday).





What did you accomplish yesterday?

<u>Updated Register Activity</u>

- Added setError for isEmpty text fields
- Fixed contraints for Login Activity
- Removed unecessary code for Register null
- Renamed a couple variables for RegisterLayout
- Connected firebase
- Defined firebase and implementation in Register
- Re-adjusted Forgot activity constraints

Added Class User with Realtime DB

Fixed formatting of Forgot Activity

What's the most important thing you aim to accomplish today?

Implementing Firebase

Anything else you'd like to share?

Adjusted constraints designs and layouts

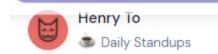












What did you accomplish yesterday?

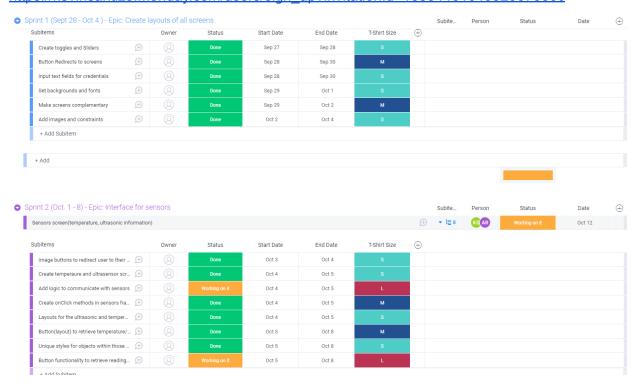
deliverable 2 screens

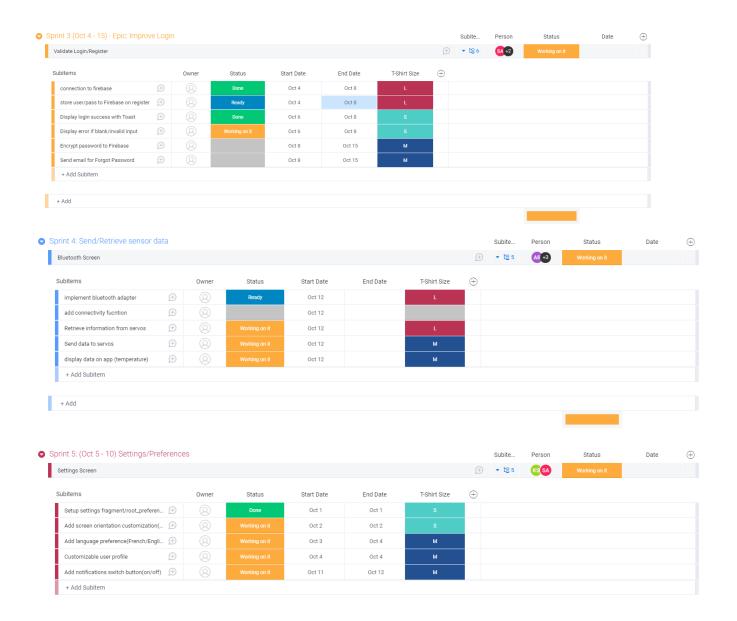
What's the most important thing you aim to accomplish today?

Finishing deliverable 2

Stories

https://kevinsantizo.monday.com/users/sign_up?invitationId=16554461040520670000





Task Completion (in reference to DoD Criteria):

- ✔ Following the "Definition of Done" checklist:
- ✓ Reviewed team members code
- ✓ Ran each commit through members before committing
- ✓ Code Reviews Conducted
- ✓ Updated Members on upcoming changes
- ✓ Checked for Errors on compiling
- ✓ Noted any sort of warnings