REVA HACK</> 2021

Elevator Pitch

**Technetium**

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# Overview (What problem are you trying to solve)

Our project helps to analyze the gestures made by hearing/speech impaired and convert it to a text form and thus help in translation to those who are unaware of the sign language communication methodology.

Working Methodology (Summary on how your project is going to work/solve the problem stated)

The ML based application detects the sign made by the hand using 21 nodes present on the hand. These help to identify the gesture and display it as a text.

# Specifications (Tech Stack Used - Hardware + Programming Languages)

Operating system - macOS bigSur and windows 11

Python programming language

Tensorflow module

Mediapipe module

OpenCV module

# 

# Links and other Information:

1. GitHub : <https://github.com/thanmaisai/RevaHack21.git>
2. Devfolio: <https://devfolio.co/submissions/gesco-sap-1e60>

**Read all the Instructions carefully as not following them will impact your overall points.**

1. Remove all the small braces and their contents in the heading before submission as it is for team’s reference only
2. Goals should include what are you doing in your project which will help solve the stated problem
3. Don’t include stuff like i5 processor or 16GB ram in hardware specs. If you’re solving an IoT or AR/VR Problem then mention the hardware used.
4. Pitch should not take more than 1 minute to read. It is advised to read the pitch before submitting to make sure it’s not taking more than a minute.
5. Pitch should be submitted on 12th November, 2021 by 3:00 PM or 15:00 HRS IST in Devfolio along with project link and video link. Any submission after that will be invalid and directly dequeued.
6. Remove the whole instructions part before submission as it is for team’s reference only.
7. Make a Copy of this template or download it and edit. Don’t request for access to edit the template itself. **(Goto File->Make a Copy** to make a copy or **File->Download->Microsoft Word** to download the template)