

# PANIMALAR INSTITUTE OF TECHNOLOGY, CHENNAI

## Electronics and Communication Engineering

### IBM NALAIYA THIRAN Project Design Phase-I Proposed Solution Template

DATE	13 <sup>TH</sup> OCTOBER 2022
TEAM ID	Team ID: PNT2022TMID25963
PROJECT NAME	Real-Time Communication System Powered By AI For Specially Abled
MAXIMUM MARKS	2 MARKS

### Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Accumulated tension can lead to <b>high blood pressure, fertility problems, insomnia, and an elevated risk of heart attack</b> , among other health issues for Disability person. The latest smartwatches has a strong focus on stress-busting and it detect even the single movement of Disability person by using movement sensor.
2.	Idea / Solution description	A convenient feature of many smartwatches is their heart rate monitor, Spo2 Sensor, movement sensing and voice monitoring or guiding. You may want to check your heart rate regularly for a variety of reasons, from improving your athletic performance to managing your stress levels to tracking your heart health.
3.	Novelty / Uniqueness	SpO2 Sensor, Movement sensor, Heartbeat monitoring sensor, Siri for Ios, Connecting with phone(call) to family members using Bluetooth.
4.	Social Impact / Customer Satisfaction	Security, Quality of Services, Quick process, Water proof, Bluetooth connection, Automatic detecting sensors (monitor and movement).

5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> <li>• Smart watch</li> <li>• Sensors</li> </ul>
6.	Scalability of the Solution	<p>To achieve accumulated tension can lead to high blood pressure, fertility problems, insomnia, and an elevated risk of heart attack, among other health issues for Disability person. The latest fitbit Sense smart watch has a strong focus on stress-busting and it detect even the single movement of Disability person by using movement sensor.</p>