

## Project Design Phase-I

### Problem – Solution Fit

Date	1 October 2022
Team ID	PNT2022TMID43724
Project Name	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT
Maximum Marks	2 Marks

### Problem-Solution Fit canvas

Define CS, fit into CL	<b>1. CUSTOMER SEGMENT(S)</b> <span style="float: right; background-color: #f08080; padding: 2px 5px;">CS</span>  <p style="text-align: center;"><b>SENIOR CITIZENS are our customers</b></p>	<b>6. CUSTOMER LIMITATIONS</b> <span style="float: right; background-color: #f08080; padding: 2px 5px;">CL</span>  <p style="text-align: center;"># Budget # Lack of awareness about the product # No proper guidance for elders to buy the product</p>	<b>5. AVAILABLE SOLUTIONS</b> <span style="float: right; background-color: #f08080; padding: 2px 5px;">AS</span>  <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>PLUSES</b>  # The consumer can get their health updates from their places  # The user will be continuously monitored </td> <td style="width: 50%; vertical-align: top;"> <b>MINUS</b>  # When the product get damaged the whole setup will stop until it rectified </td> </tr> </table>	<b>PLUSES</b> # The consumer can get their health updates from their places # The user will be continuously monitored	<b>MINUS</b> # When the product get damaged the whole setup will stop until it rectified	Explore AS, differentiate
<b>PLUSES</b> # The consumer can get their health updates from their places # The user will be continuously monitored	<b>MINUS</b> # When the product get damaged the whole setup will stop until it rectified					
Focus on PR, tap into BE, understand RC	<b>2. PROBLEMS / PAINS</b> <span style="float: right; background-color: #f08000; padding: 2px 5px;">PR</span>  <p style="text-align: center;"># Seniors forget to take medicine on time # Seniors are not monitored by their caretakers during their travel time</p>	<b>9. PROBLEM ROOT / CAUSE</b> <span style="float: right; background-color: #f08000; padding: 2px 5px;">RC</span>  <p style="text-align: center;"># Due to age factor, seniors forget to take medicine which can even take them to critical stage # Lack of monitoring leads to accidents which even causes death</p>	<b>7. BEHAVIOR</b> <span style="float: right; background-color: #f08000; padding: 2px 5px;">BE</span>  <p style="text-align: center;"><b>DIRECTLY RELATED</b> Intake of pills and monitoring health conditions regularly using medical remainder and home automation system</p> <p style="text-align: center;"><b>INDIRECTLY RELATED</b> The product is not only used for medical purpose instead it is also used for all other regular activities</p>	Focus on PR, tap into BE, understand RC		
Focus on PR, tap into BE, understand RC	<b>3. TRIGGERS TO ACT</b> <span style="float: right; background-color: #90ee90; padding: 2px 5px;">TR</span> # By conducting awareness programs and posting ads in TV and social media regarding the product # Listening the advantages of the product from their neighbours  <b>4. EMOTIONS</b> <span style="float: right; background-color: #90ee90; padding: 2px 5px;">EM</span> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border: 1px solid black; padding: 5px;"> <b>THEN</b>  # Dependent  # More depression  # Less security </td> <td style="width: 50%; border: 1px solid black; padding: 5px;"> <b>NOW</b>  # Independent  # Less depression  # More security </td> </tr> </table>	<b>THEN</b> # Dependent # More depression # Less security	<b>NOW</b> # Independent # Less depression # More security	<b>10. YOUR SOLUTION</b> <span style="float: right; background-color: #800080; padding: 2px 5px;">SL</span>  <p style="text-align: center;">This Provides a detail description of a developed platform using IoT by ,monitoring the health conditions using sensor data including fall detection ,pulse oxy-meter, accelerometer ,ECG signal detection and also tracking (GPS) their regular movements of the elderly person which gives a real time monitoring system that allows the caretakers to monitor the old person's activity regularly who needs special attention in familiar residential place because of their ageing or illness.</p>	<b>8. CHANNELS of BEHAVIOR</b> <span style="float: right; background-color: #90ee90; padding: 2px 5px;">CH</span>  <p style="text-align: center;"># The product is user friendly which can be accessed by anyone and anywhere at anytime # Usage of this product saves time</p>	Extract online & offline CH of BE
<b>THEN</b> # Dependent # More depression # Less security	<b>NOW</b> # Independent # Less depression # More security					