

PROJECT DESIGN PHASE I

PROBLEM SOLUTION FIT

DATE	13 October 2022
TEAM ID	PNT2022TMID47713
PROJECT NAME	Real time communication system powered by AI for specially abled
MARKS	2 marks

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) 1. Deaf 2. Dumb	6. CUSTOMER CONSTRAINTS 1. Excellent way of interaction 2. low cost 3. easily manageable	5. AVAILABLE SOLUTIONS 1. convolutional neural networks for AI 2. using webcam 3. fingerprint minutiae sensors	Explore AS, differentiate
	7. JOBS-TO-BE-DONE / PROBLEMS 1. Problem Lack of communication leads to affecting work 2. Separating from team work	9. PROBLEM ROOT CAUSE 1. By birth 2. parkinson's diseases 3. macular degeneration	7. DESIGN IDEAS 1. It uses sensors to read and interpret hand movements as commands. In the automotive industry, this capability allows drivers and passengers to interact with the vehicle — usually to control the infotainment system without touching any buttons or screens	
Identify strong TR & EM	3. TRIGGERS 1. Listening disorder 2. Communication 3. Blindness	10. YOUR SOLUTION 1. The nonverbal interaction between human and computer using sensors and gloves	8. CHANNELS of BEHAVIOUR 1. online behaviour 2. web application 3. Recognition system 4. Using hand gloves and sensors	Identify strong TR & EM
	4. EMOTIONS: BEFORE / AFTER 1. people feel bad with their disabilities 2. now they can access things like pro			