

PROJECT DESIGN PHASE – I

PROBLEM SOLUTION FIT

TEAM ID	PNT2022TMID03947
PROJECT NAME	Signs with Smart Connectivity for Better Road Safety

Problem-Solution fit canvas 2.0

Purpose / Vision

Define CS, fit into	1. CUSTOMER SEGMENT(S) CS Traffic police and normal people who travel in roads which are under construction work can easily get the information through sign board at a certain distance before the site.	6. CUSTOMER LIMITATION CC The customer need not use any external power, he can just use solar panel.	5. AVAILABLE SOLUTIONS AS The Led traffic light board, fluorescent board kept at particular height is done but bringing it totally digital is not done.	Explore AS,
	2. PROBLEMS J&P Every time when a road is under construction a person has to "place a men at work" sign board manually. Even when the weather condition is bad the sign board is not seen properly.	9. PROBLEM ROOT CAUSE RC 1.Accidents are the main results due to this problem. 2.Either the person who work there die or the person who does not see the sign board kept in the road die.	7. BEHAVIOUR BE The people who are working near the place of construction stands near the sign board and makes sure that no one crosses it and he also takes the board once when the work is finished.	
Identify strong TR & EM	3. TRIGGERS TR Main work to save life during the travel. Traffic can also be controlled.	10. YOUR SOLUTION SL The "Signs with smart connectivity for better road safety" changes the sign according to the environment automatically. To check its working web application is developed.	8. CHANNELS of BEHAVIOUR CH 8.1 ONLINE When men are at work just need to click a button in the web to start that feature.	Extract online & offline CH of BE
	4. EMOTIONS: BEFORE / AFTER EM BEFORE: when the do it manually it is difficult and accident occurred. AFTER: When they use this, they can overcome all this and no need of manual monitoring.		8.2 OFFLINE Set a sign pole and a solar panel and connections to it.	

Problem-Solution Canvas is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 License Created by Daria Gajda / Amaltama.com

AMALTAMA