Project Title: Signs with smart connectivity for better road safety

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Project Design Phase – I: Solution Fit Template

ore AS, differentiate

СН

Extract online & offline CH of BE

1. CUSTOMER SEGMENT(S)

CS, fit into

on PR, tap into BE, understand

It provides us with certain rules and regulations that describe how one should use roads diligently and in a proper way

6. CUSTOMER LIMITATIONS EG. BUDGET, DEVICES

Budget and Available device

5. AVAILABLE SOLUTIONS PROS & CONS

When two cars pass from the opposite side of a nountaincurve the IR sensor senses the car and LEDcolour changes to red and raises the buzzer giving signal of danger

2. PROBLEMS / PAINS + ITS FREQUENCY

Many roads have insufficient capacity, poor sidewalks, unlimited crossings and a lack of road equipment and safety measures.

The emotional impact of the accident itself as well as related injuries can lead to depression, withdrawal, isolation, feelings of hopelessness and suicidal thoughts.

9. PROBLEM ROOT / CAUSE

Lack of proper information or training, unsafe systems of work, poorly maintained or unsuitable equipment, poor planning, unclear responsibilities, poor supervision

7. BEHAVIOR + ITS INTENSITY

CL

RC

The behavior such as age, experience, gender, attitude, emotions, fatigue, drowsiness, driving conditions

3. TRIGGERS TO ACT

Create awareness among the road users on road safety aspects, with particular focus on drunken driving and over speeding.

4. EMOTIONS BEFORE / AFTER

The people feels panic, afraid when they face a problem, after that they feel confident and safety.

10. YOUR SOLUTION

colour changes to red and raises the buzzergiving signal of danger and then it changes oneLED colour into green to allow the one car topass and then the other LED colour turnsgreen. In this way we can prevent theaccidents of curved road.

IR sensor senses the car and LED

8. CHANNELS of BEHAVIOR

Install and operate the IR Sensor detectionsystem software.

OFFLINE

Sensor Setup

Identify strong TR & EM

TR

EM