It provides us with certain rules and

regulations that describe how one should

use roads diligently and in a proper way

2. PROBLEMS / PAINS + ITS FREQUENCY

lack of road equipment and safety

as well as related injuries can lead to depression, withdrawal, isolation, feelings of hopelessness and suicidal thoughts.

Many roads have insufficient capacity,

poor sidewalks, unlimited crossings and a

The emotional impact of the accident itself

1. CUSTOMER SEGMENT(S)

CS, fit into

PR, tap into BE, understand

Project Title: Signs with smart connectivity for better road safety

Team ID: PNT2022TMID30307

Project Design Phase – I: Solution Fit Template

Extract online & offline CH of BE

xplore AS, differentiate

СН

3. TRIGGERS TO ACT

measures.

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.

6. CUSTOMER LIMITATIONS EG. BUDGET, DEVICES

Budget and Available device

CL

5. AVAILABLE SOLUTIONS PROS & CONS

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

RC

7. BEHAVIOR + ITS INTENSITY

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

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

TR 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

EM