Project Design Phase-I - Solution Fit

Define 1. CUSTOMER SEGMENT(S) 6. CUSTOMER CONSTRAINTS CC 5. AVAILABLE SOLUTIONS AS CS **Working Professionals** Autonomous display of the speed limit S S The choices of solutions are constrained by factors like their price range, the level of expertise needed to utilize them, database access, database based on the climate. Travelers The divert indications automatically Pedestrians fit into connection, etc. appear in deadly solutions. The client may choose static sign boards. J&P RC 9. PROBLEM ROOT CAUSE 7. BEHAVIOUR BE 2. JOBS-TO-BE-DONE / PROBLEMS Due to heavy traffic routes the roads are Dynamic education regarding traffic signs blocked and due to climatic and weather Might reduce the road accidents conditions the occurrence of accidents and road signs is provided by this Violation of speed limits can be reduced tap into BE, understand RC increases. technology. Failure of distance between vehicles is reduced Due to the speeding of vehicles, some The speed restrictions may be controlled, Indication of dangerous routes and roads mishaps might take place leading to risky and accidents reduced by changing the using lights and signs driving. smart sign board in accordance with the Reduction of problems in crossing roads weather conditions. Intimation of basic road signs and traffic symbols among public This method improves travel safety by Creating sustainable environment offering the optimal routes and reducing traffic on city roadways.

Explore AS, differentiate

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3. TRIGGERS



- Takes a long time to reach the destination
- Leads to risky driving

4. EMOTIONS: BEFORE / AFTER



People now become discouraged and irritated as it takes more and longer for them to reach their objective. With the aid of this technology, users may wirelessly get notifications from the database management on their mobile devices.

10. YOUR SOLUTION

schools, or construction.

In this project, static signs will be replaced with

smart signs that can modify speed limits based on the

weather, provide detour warnings in the event of an

accident, and display alerts in the event of hospitals,



8. CHANNELS of BEHAVIOUR



ONLINE:

- Customers may quickly download the necessary information to their mobile devices from the database or central control.
- Accurate verification
- The applicant's information is gathered and checked. The cloud computing system receives the confirmed data.
- Customers may communicate their input to the department using emails, applications, or texting to get their work done.
- The speed restriction and detour signs need to be updated on the WhatsApp web.

OFFLINE:

- o It takes a long time since it is difficult to lessen traffic.
- Wherever they are located, anyone may use the smartboard signs to monitor the condition of the road.
- The application of laws with rigor and on an equal footing is essential for ensuring road safety.