

Project Design Phase-I

Problem - Solution Fit

Date	07 November 2022
Team ID	PNT2022TMID4583
Project Name	Smart Lender -Applicant Credibility Prediction For Loan Approval
Maximum Marks	2 Marks

Problem - Solution Fit

The Problem-Solution Fit simply means that we have found a problem with our customer and that the solution we have realized for it actually solves the customer's problem. It helps entrepreneurs, marketers and corporate innovators identify behavioral patterns and recognize what would work and why.

Purpose:

- Solve complex problems in a way that fits the state of our customers.
- Succeed faster and increase our solution adoption by tapping into existing mediums and channels of behavior.
- Sharpen our communication and marketing strategy with the right triggers and messaging.
- Increase touch-points with our company by finding the right problem behavior fit and building trust by solving frequent annoyances, or urgent or costly problems.
- Understand the existing situation in order to improve it for our target group.

Project Design Phase-I - Solution Fit

Project Title: Real-Time Communication System Powered by AI for Specially Abled

Team ID: PNT2022TMID27707

Define CS, fit into	<div>1. CUSTOMER SEGMENT(S)<div>CS</div><ul style="list-style-type: none">Deaf and Dumb Peoples,Specially Abled Persons,Normal People who wants to communicate with the Deaf and Dumb people.</div>	<div>6. CUSTOMER CONSTRAINTS<div>CC</div><ul style="list-style-type: none">They can only communicate with the people who knows sign language</div>	<div>5. AVAILABLE SOLUTIONS<div>AS</div><ul style="list-style-type: none">Text to Speech ServiceOnline Assistants such as Google assistants , Siri etc..</div>	Explore AS, differentiate
	<div>2. JOBS-TO-BE-DONE / PROBLEMS<div>J&P</div><p>Unable to communicate/ express their thoughts and feelings to other peoples.</p></div>	<div>9. PROBLEM ROOT CAUSE<div>RC</div><p>Normal people unable to understand what the specially abled person tried to convey through sign language</p></div>	<div>7. BEHAVIOUR<div>BE</div><p>Recognition of Sign Language and accurate conversion in real- time for hassle free communication</p></div>	
Identify strong TR & EM	<div>3. TRIGGERS<div>TR</div><ul style="list-style-type: none">Advertising and creating awareness through Social Media, Television etc..Lack of communication with other people will break their moral strength</div>	<div>10. YOUR SOLUTION<div>SL</div><p>Creating an application for specially abled person which converts Sign Language to Speech and Vice versa, which helps the person to express their thoughts and feelings to others.</p></div>	<div>8.CHANNELS of BEHAVIOUR<div>CH</div><div>8.1 ONLINE<p>The Specially abled person can use text to speech translation or vice - versa.</p></div><div>8.2 OFFLINE<p>People can apply for Sign language course to communicate to the specially Disabled People.</p></div></div>	Identify strong TR & EM
	<div>4. EMOTIONS: BEFORE / AFTER<div>EM</div><p>Before using the application, they worried about communicating with others because the other person don't understand the sign language</p><p>After using the application they can use sign Language for communication which is then converted to Human Understandable</p></div>			