

Project Design Phase- I Problem–SolutionFitTemplate

Date	15.10.2022
Team ID	PNT2022TMID09878
ProjectName	DemandEst-AI powered Food Demand Forecaster
MaximumMarks	2 Marks

Problem–SolutionFitTemplate:

The AI-powered virtual assistant has become a must for customer service. It can answer questions, resolve issues and even learn from past interactions. You don't need to be an expert in programming or machine learning to create your own virtual assistant.

With this kit, you can build personal assistant that will help you with all sorts of tasks. This solution kit has various features such as Text to Speech, Speech recognition and image recognition. You can integrate all these features into your existing application and enhance the user experience of your application.

Build your AI-based Virtual Assistant in minutes with this fully editable source code. The entire solution is available as a package to download from the source code repository.

Purpose:

- Build an NLP based chatbot/ virtual agent
- Provide 24/7 support for an interactive experience
- Deploy in minutes and customize source code as per your requirements

Template:

1. CUSTOMER SEGMENT(S) CS <ul style="list-style-type: none"> • Industrialists • Engineers • Safety Control Personals 	6. CUSTOMER CONSTRAINTS CC <ul style="list-style-type: none"> • Network Connection • Complexity in Installation 	5. AVAILABLE SOLUTIONS AS <ul style="list-style-type: none"> • Upgrading to a premium network plan. • Availng network connection from a reliable Service provider.
2. JOBS-TO-BE-DONE / PROBLEMS JBP <ul style="list-style-type: none"> • Capability of the device to withstand in harsh environment is questionable. • Due to network issue data couldn't be uploaded to the cloud at all times. 	9. PROBLEM ROOT CAUSE RC <ul style="list-style-type: none"> • Quality of the material using which the device is made up of plays a vital role in the capability of the device to work in harsh environment. • Location of the device installation and the network plan used by the user are the cause of Network issue. 	7. BEHAVIOUR BE <ul style="list-style-type: none"> • Harsh environment is prevailing only on certain industry; thus, the frequency of the said problem is low. In such a case the customer complains multiple times to get the attention. • Network issue is very common as most of the industries are located at the country side. Here the contact both the developers and the service providers
3. TRIGGERS TR <ul style="list-style-type: none"> • Usage of the device is portrayed in the news. • In real life situation, the device has helped in saving number of individuals. 4. EMOTIONS: BEFORE/AFTER EM <ul style="list-style-type: none"> • Before the action is taken, the user feels deceived and cheated. • After the problem is resolved, user feels the sincerity of the developers. 	10. YOUR SOLUTION S <ul style="list-style-type: none"> • Network strength must be boosted in the device • Device can be manufactured in multiple standards based on the environment. 	8. CHANNELS OF BEHAVIOUR CH 8.1 ONLINE <ul style="list-style-type: none"> • E-Mail to developers • Online Community 8.2 OFFLINE <ul style="list-style-type: none"> • Complaint Letters

