Project Design Phase-I - Solution Fit Template **Team ID:** PNT2022TMID51308

Project Title: Natural Disasters Intensity Analysis and Classification using Artificial Intelligence

Define CS, fit into CC

1.CUSTOMER SEGMENT(S) CS

Government are the customer who are unable to predict the disaster.The disaster cause huge loses.

6. CUSTOMER CONSTRAINTS CC

The constraints that the customer face while the disaster.

5. AVAILABLE SOLUTIONS AS

Customer uses the technology to detect the disaster..

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS J&P

This model that classifies the natural disaster and tells the imtensity of disaster of natural.that uses an integrated web cam tocapture the vedio frame and the vedio frame is compare with the Pre-trained model and the type of disaster is identified and showcased on the open cv window

9. PROBLEM ROOT CAUSE RC

Due to the invention of natural disaster the customer face the consequences

7. BEHAVIOUR BE

Natural disasteris always a difficult task for the customer.

Focus on J&P, tap into BE, understand RC

3. TRIGGERS

Some of the triggers are advertisement in the television and information from the experts TR

4. EMOTIONS: BEFORE / AFTER EM

The peoples were depressed due to the disaster occure unpredictable time ,but the help of AI model they are happy with that they can avoid the disaster and save their lives

10. YOUR SOLUTION SL

To surmount this issue we developed a multi layered deep convolution neural network model is proposed utilizing AI.

8. CHANNELS of BEHAVIOUR CH

8.1 **ONLINE**

With help of various online channel customer can bye the AI based system

8.2 **OFFLINE**

Buying AI base system from authorized shops