Project Design Phase-I - Solution Fit Template

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Define CS, fit into Co

ocus on J&P, tap into BE, understan

1. CUSI'OMER SEGMENT'(S)

CS

Ouí customeís aíe one who aíe tíying to live a healthy life and who want to analyze theií health conditions by using the app which helps to iecognize the food items and need the list of nutíition content piesent in it.

6. CUSI'OMER

Accuíate data

Data Netwoík

Customeí Satisfaction

Food of nutíition fealated analyzef

CC

5. AVAILABLE SOLUPIONS

S

Explore AS, differentiate

Phe available solution alieady piesent is the in-built items piesent which is been alieady given and piesent and stoied by the othei peisons. Foi example, theie is alieady the items and the quantity piesent in it and now as a diffeient thing we are doing as the picture capture and making the image recognising one.

2. JOBS-l'O-BE-DONE / PROBLEMS

1&

The useí can captuíe the images of diffeient fíuits and then the image will be sent the tíained model. I'he model analyses the image and detect the nutíition based on the fíuits like (Sugaí, Fibeí, Píotein, Caloíies, etc.).

9. PROBLEM ROOL CAUSE

RC

6. BEHAVIOUR

DE

Nowadays new dietaíy assessment and nutíition analysis tools enable moíe oppoítunities to help people undeístand theií daily eating habits, exploíing nutíition patteíns and maintain a healthy diet.

1 he main aim of the píoject is to building a model which is used foi classifying the fiuit depends on the diffeient chaiacteiistics like coloui, shape, textuie etc.

3. I'RIGGERS



10. YOUR SOLUPION



8. CHANNELS OF BEHAVIOUR



Some people are very fitness conscious and they become healthy without any diseases and that tempts the other people to make them also to be healthy and fit

4. EMOPIONS: BEFORE /

AFI'ER Emotions Befoie:

I'hey don't have the fitness welness in them and then they don't live a healthy life and eat moie junk foods.

Emotions Afteí:

1 hey analyze the food which they are eating and make healthy life.



Fíuit classification is done by an algoíithm based on convolution neuíal netwoík has been applied foí fíuit detection. In this we use high-quality, fíuit-containing image dataset foí tíaining a neuíal netwoík to detect fíuits. I'he efficiency of CNN can match human level peífection. Convolutional neuíal netwoík algoíithm in DNN which also peífoíms efficiently foí visual íecognition including photo and video, face íecognition, handwíitten digit íecognition. I'his model woíks efficiently with this aíchitectuíe foí fíuit íecognition.

- ➤ Model Building
- > Impoit the model building Libiaiies
- > Initializing the model
- Adding Input Layeí
- Adding Hidden Layeí
- Adding Output Layeí
- Configuíe the Leaíning Píocess
- > l'íaining and testing the model
- > Save the Model