

Al Powered Food Demand Forecaster

A food delivery service has to deal with a lot of perishable raw materials which makes it all, the most important factor for such a company is to accurately forecast daily and weekly demand. Too much inventory in the warehouse means more risk of wastage, and not enough could lead to out-of-stocks - and push customers to seek solutions from your competitors. The replenishment of majority of raw materials is done on weekly basis and since the raw material is perishable, the procurement planning is of utmost importance, the task is to predict the demand for the next 10 weeks

	Entice How does someone initially become aware of this process?	Enter What do people experience as they begin the process?	Engage In the core moments in the process, what happens?	Exit What do people typically experience as the process finishes?	Extend What happens after the experience is over?
Steps What does the person (or group) typically experience?	If in some restaurant they want to calculate the number of raw material for next weeks ahead many restaurants want to accuratly calculate the raw material for a particular food product then they will come across this application	People in the restaurant will be given user name and password to login There will be user name and password column so that they can enter the credentials	After login there will be many product to choose There will be many options to choose like food product,city,desserts etc	They will be provided with the number of raw material for next weeks ahead	Displaying with predicting the raw material successfully
Interactions What interactions do they have at each step along the way? People: Who do they see or talk to? Places: Where are they? Things: What digital touchpoints or physical objects would they use?	A home page where there will be many options to predict People will check with the predicted raw materials	It is cross platform web app works in iOS and android creating account in the webapp for authentication	This app is Hosted in IBM Watson cloud	Tracking of the previously predicted raw material is also shown	All the predictions are shared among Mail
Goals & motivations At each step, what is a person's primary goal or motivation? ("Help me" or "Help me avoid")	By providing good accuracy predicting raw materials can save more time and money By doing so there will be no wastage of foods	User can predict the raw materials for only certain food listed	There will be menu options where we can select the food we want to predict	At last there will be shown in how much accuracy it was predicted and compares with previous predictions	Frequent updates are provided to the user
Positive moments What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?	Unique website with good user interface	Faster access of the website as it is hosted in IBM cloud Prevents from wastage of foods	User can compare with the previous prediction to improve the accuracy	User satisfaction and other information	User will share among most of the food industry
Negative moments What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?	Not predicting with good accuracy	Hope of predicting with good accuracy	Not properly comparing with previous predictions	Some negative reviews about the website	Negative remarks
Areas of opportunity How might we make each step better? What ideas do we have? What have others suggested?	Providing better solutions for predicting the raw material for the food items	Input is provided in proper way then accuracy increases	Proper predictions of raw materials for all kinds of food items	By making the UI more interactive	User interface of the webpage can be updated