

Kisaan Bandhu : A Farmer Grain Assistant Application.

This is an application which is mainly used by farmers after crop season who need some source of platform to directly reach the buyers by eliminating the dealers in between the cycle which take the major share of the profit and finally the share which the farmer has for his part is not enough. Currently the scenario is such that the farmers sell their products to the dealers which then sell these products to the final buyers or some more small retailers and dealers. Due to this extra addition of the dealers in the cycle the final price of the product sold to the common man is higher than the expectation of the public and actual price which the product has. So our application will enable the farmer to directly reach the buyers hence cutting out the extra cost due the increase in the cycle. Also the entire profit made by selling the product is received by the farmer.

SOME GOALS WHICH WILL BE TRIED TO ACHIEVED :

1. The first goal which we will try to achieve is to remove the unnecessary cycle in between the demand supply chain. The main objective of this goal is to provide the maximum profit to the farmer and also reduce the final price of the product as the cost which is increased due to the unnecessary cycle is reduced. We will try to create such a system where there will be direct buyers such as supermarts or a wholesale market where we will directly supply the production from the farmers and supply it.
2. The transport will be provided by our end. The current working of such a demand supply chain is that as soon as the farmer produces some product , the dealer is contacted which will then collect the product from the farmer. The second option is that the farmer himself tries to transport the goods but this will increase the cost price of the product. So we will try to create a system where our transport system will have a sharing based system. As soon as the farmer is ready with the product, he will contact our system. Similarly some other farmers of the same or nearby area will also need transportation services to transfer their goods. So we will try to cover these maximum areas in a single trip of the transport

and the goods can be even transferred to the cold storage or the end buyers of supermarkets or supermarts. This will be similar to the pool systems used in urban areas of vehicles.

3. The third goal which will try to implement is to create a contract based production which will be provided by the companies. In this type what we are trying to achieve is that we will take certain contracts from the companies which have some certain type, quantity and quality of raw materials needed for best production of the goods which the company is producing. For eg if a company needs a certain type of vegetable for the production of the goods which require a certain quality of the soil and weather conditions , then they can float a contract through our system which we will pass on to the farmers who can opt to select or deselect the contract. If the farmer decides to accept the contract then the company will provide the materials required for proper production. The company will also provide the details of the materials they will provide to the farmers for the proper production of the raw material.
4. The next goal which will try to implement is to create a system in which our system will advise the group of farmers to produce a particular type of product based on the requirement of the current market. This will improve the demand supply chain and also lead to the proper control of the production as in the current times it may be sometimes possible that the production is far more than the requirement and this will lead to the loss or degradation of the production. Also if the requirement of the material increases then our system will advise the farmer to produce the product which is in demand which will eventually increase the profit to both the end users.
5. The next goal which will try to achieve is that we will try to create a network of the farmers amongst themselves so that they can decide the type of goods which they can produce and increase the profit by controlling the demand - supply chain. This goal is achievable if our previous goals are achieved or if we have some firm hold over the market.