KISAN SEVA

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Problem Statement

- 70% of population in India belongs to rural places and majority of them depend upon agriculture.
- The major problems faced by farmers are :
    - Crop pricing issue- Intermediate dealers make high profits by buying the crops for a very low cost from the farmers and selling them at very high price.
    - Marketing Issue - Farmers are not aware of the current prices hence they fall for the trap set by the dealers.
    - Crop forecasting Issue - Harvesting of the same crop in the same time will result in low pricing of the crop.
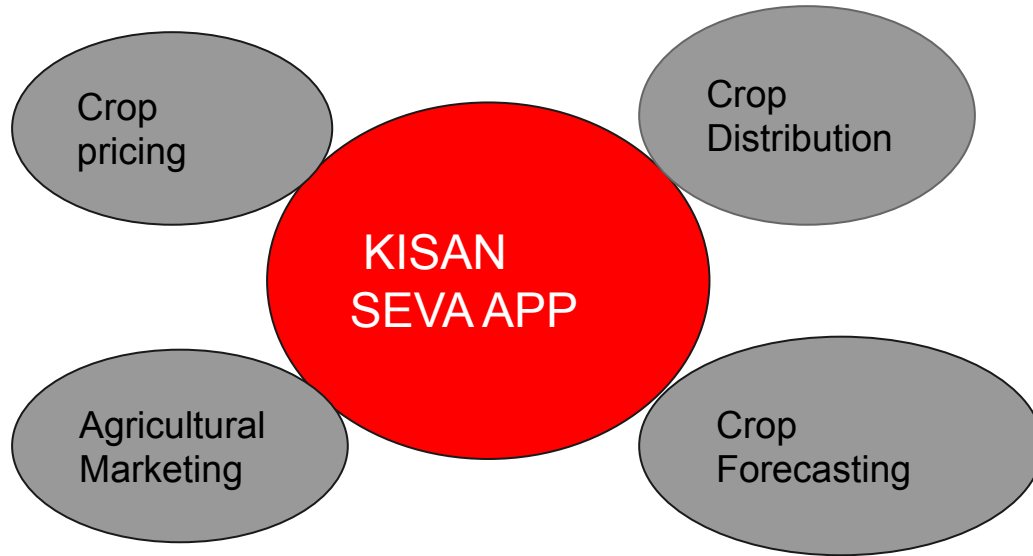
What we are proposing

- Through our kisan seva application we intend to connect the farmers to the right market by intern relieving from their problems.
- The app will provide each farmer justice for spending his valuable time and effort in raising the copy by giving him the right value for crop.
- Through this application farmer is able to discover what farmer is able to discover what crop need to be sowed at which time through which he can get the maximum value.
- Also the farmers will be able to forecast which app will have maximum yield in which season.
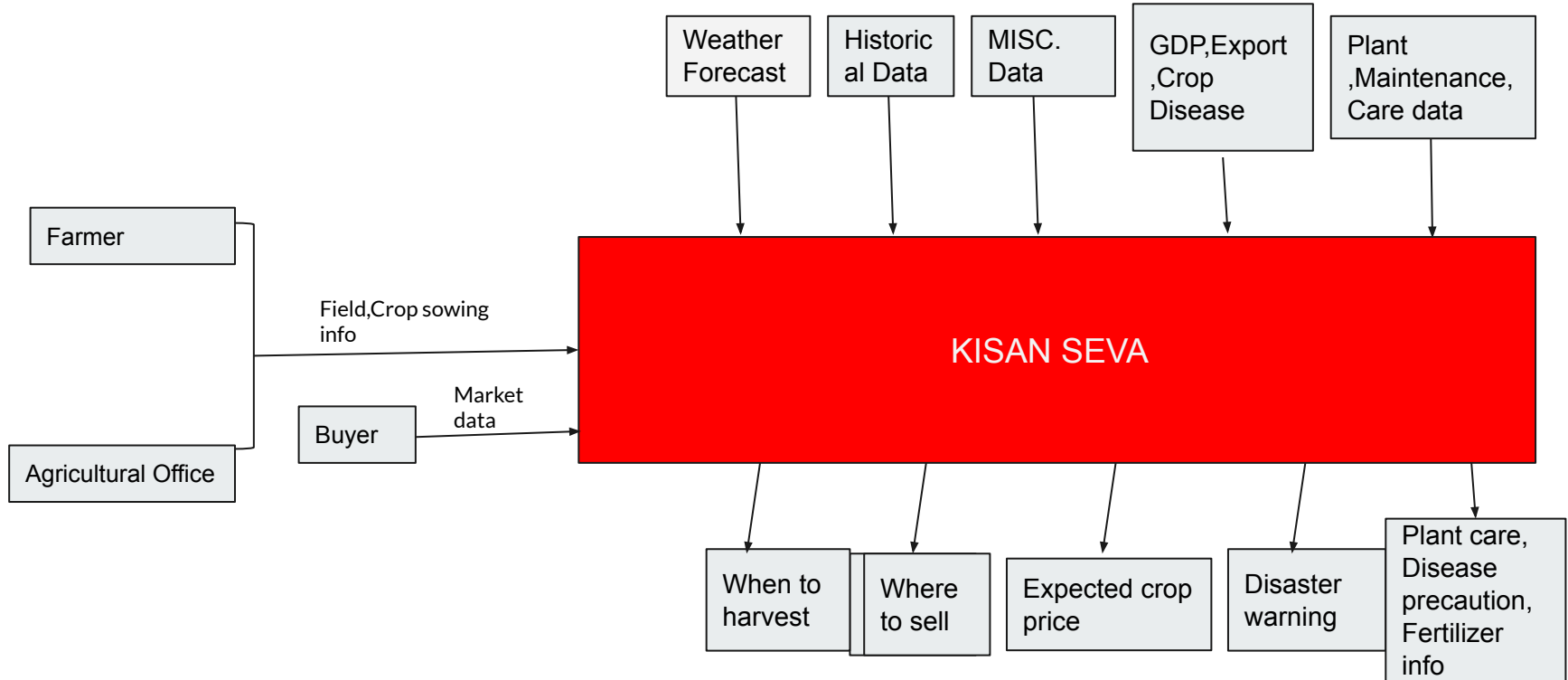
Approach

- The idea is to create a web portal which will handle the data of the farmers and also the time of expected harvest which will in-turn match the market time.
- Market dealers will also provide the data of what crop is in demand and price at the provided time so that it will be helpful for the farmers.
- Historical data will help the farmers to decide which crop is to be planted at the particular time.
- This will result in a mutual understanding between farmers and that will reduce the fall of demand.
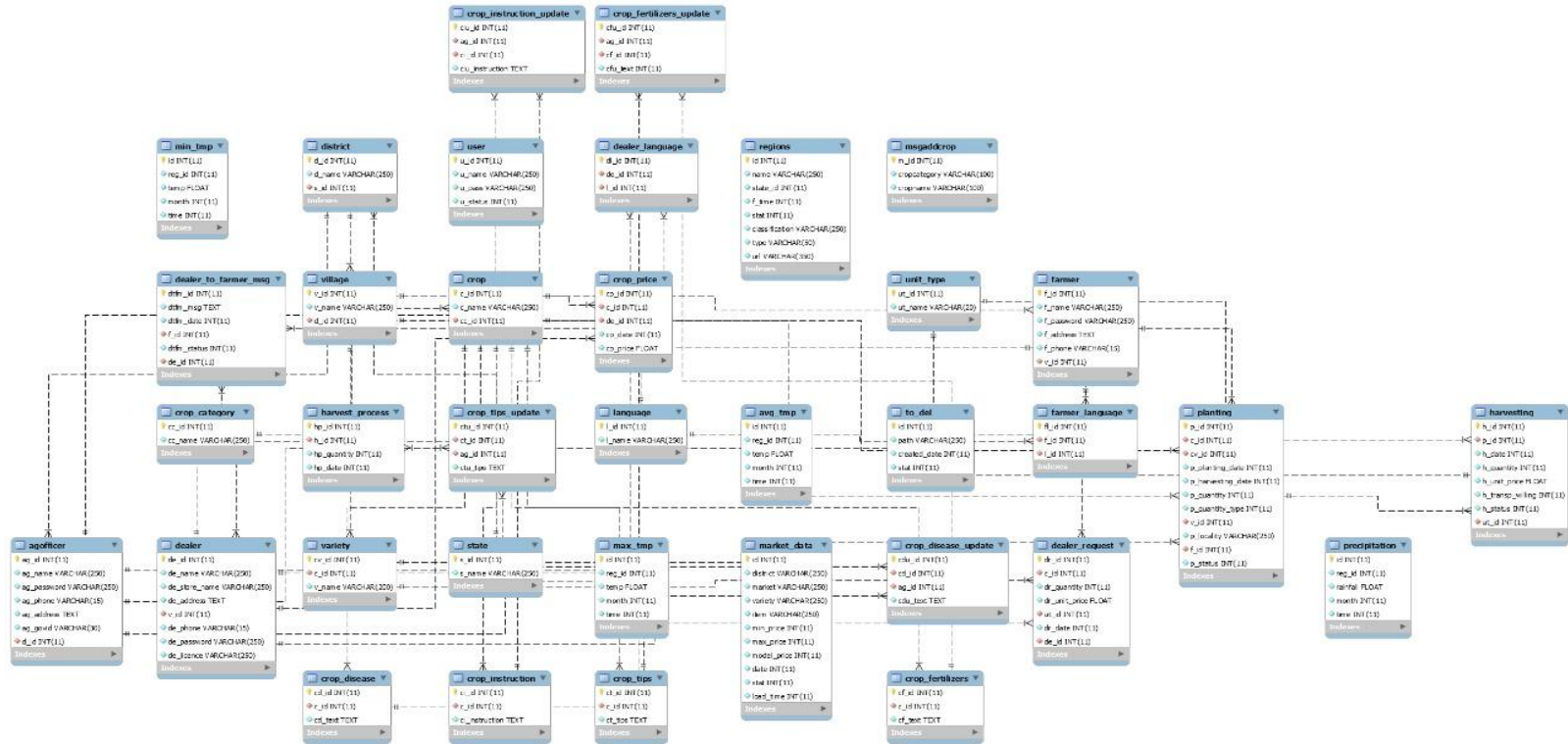
Architecture

Working Model

SQL Tables

IMPACT

- Farmers will get justice for their crops, by getting the right price which is available in the market.
- Government authorities can formslise strategies for the agricultural sector by using this data.
- It will result in the Gross development of the country as we know that India is an agricultural land.
- The dealers sell the crops at much more competitive price from which they are buying from the farmers.
- Application helps with weather forecasting,hence help the farmer from disasters.

TECHNOLOGIES USED

- PHP
- Ruby xML
- MYSQL
- AJAX
- Java Script
- HTML-BOOTSTRAP AND JQUERY FOR UI
- Github repository for Version control and group integration

THANK YOU