



## Appendix J- Data Dictionary

Appendix: Data Dictionary of Current System

### External Entities

Name: **Extension Services**

Alias: Mill District Officer

Description: The person who gathers and analyzes the data of the farms as well as providing recommendations.

Name: **Farmer**

Alias: none

Description: The person who provides the necessary data for determining and creating recommendations and productivity.

Name: **Regulation Department**

Alias: Admin

Description: The person who gives the produced sugar data.

Name: **Board Member**

Alias: Admin

Description: The person who creates the programs and decides for sugar allocation.

Name: **Mill**

Alias: Sugar Manufacturer

Description: The one that gives weekly production data.



Name: **Traders**

Alias: None

Description: The person who has an impact in determining the price of sugar.

## **Process**

Label: **Create Initial Crop Estimate**

Alias: None

Description: The process is done by the extension services which will be used for the weekly statistics report

Label: **Conduct Survey**

Alias: None

Description: The process that is done by the extension services(mill district) officer. Collects data from the farmer and their fields.

Label: **Conduct Monthly Crop Monitoring**

Alias: None

Description: The process that is done by the mill district officer. Collects crop data.

Label: **Conduct Observation**

Alias: None

Description: The process that is done by the mill district officer, Makes an analysis of raw farm data.

Label: **Create Crop Assessment Report**

Alias: None

Description: The process that is by the mill district officer.

Label: **Update Crop Estimate**

Alias: None

Description: The process that is done by the mill district officer. Damage reports are



used to update crop estimate.

Label: **Generate Weekly production Statistics Report**

Alias: None

Description: The process that is done by the board members.

Label: **Allocate Sugar**

Alias: None

Description: The process that is done by the board members using data from the weekly statistics report.

Label: **Planning of Farm Recommendation**

Alias: None

Description: The process that is done by the mill district officer and board member.

Label: **Provide Farming Recommendations**

Alias: None

Description: The process that is done by the board members.