**Document of Understanding**

**Kiosk Project**

Submitted by

**Flexicode Technologies P Ltd**

**Document Change History**

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## **Purpose and Overview of Document**

The purpose of this document is to provide an understanding, to FTL & its client NAF, on requirements to develop & implement an Interface between Kiosk & Cloud.

In the current scenario, NAF doesn’t have a tool which would enable them to disseminate information to Farmers and this is done manually by visiting them on field. There is a need to automate the process for better control and disseminate the required information effectively on a periodic basis

The system explained in this document tries to fulfil the above gap.

## **Definitions and Acronyms**

|  |  |
| --- | --- |
| Term/ Acronyms | Description |
| NAF | National Agro Foundation |
| FTL | Flexicode Technologies Private Limited |
| FDR | Farmer Data Repository |
| KANCHI | Kisan AdvaNcement through CasHless Innovation |
| FAQ | Frequently Asked Questions |

## **Reference Materials**

## **Features**

## **Admin:**

Admin would have following options:

* 1. New User creation and access rights would be made available for Admin User
  2. Modify existing user details/ access rights
  3. Access feature should also include authentication thru’ password.

## **Farmer Data:**

* 1. FDR mobile application would be provided to NAF for registration of new Farmer data
  2. Registration would be made simple with minimal data
  3. Existing Farmer (Member/ Non-Member) registration data would be made available from KANCHI FDR

## **Offline/ Online Mode:**

* 1. Develop Interface between kiosk & cloud - both online & Offline mode (Sync / A-sync feature should be made available in the application)
  2. While content maintenance will happen in a centralized wen module, kiosk at the centers will have Sync / A-Sync option… farmer will always access last synchronised data locally from the kiosk. Kiosk will not be net dependent.

## **Printing:**

**From Kiosk:**

Print option would be available in Kiosk for printing the following:

* 1. Plastic ID Card for Farmers
  2. Soil Card/ Test Report and similar outputs
  3. Print access in Kiosk – through regular printer and not thermal printer

**From Web:**

* 1. Soil Card Report would be made available in Content Admin module

## **Content Management:**

User should be able to configure flow of content @ theme level, farmer level, geographical level (for e.g. soil card to be accessed based on farmer id, weather based on farmer district, Govt. schemes based on date etc.) before dissemination

**Soil Card/ Test Reports:**

* 1. Farmer would give sample to NAF.
  2. NAF would test sample at the lab & would give report.
  3. Report would be uploaded in content admin module and displayed in kiosk at a farmer level.
  4. Enter Soil parameters (as per Report Format)

1. 
   1. Take printout from the content admin module
   2. Upload image of signed report
   3. Some reports may have Recommendation Sheet (Report to be shared by NAF)
   4. Separate field to tag crop recommendation
   5. Farmers outside TN may also view their soil report – View / print access in Web required

**Weather forecast Data:**

* 1. Weather parameters & forecast received as an output from open source tool would be uploaded in content admin module in web and displayed in kiosk.
  2. ***(Report to be shared by NAF)***
  3. Output from open source tools / from NAF system under development

**Training Videos:**

* 1. Would be uploaded in content admin module & displayed in Kiosk
  2. Format website (TNEU agri-tech portal)
  3. Attributes to be available for tagging each video… attributes can be N no.
  4. Search in Kiosk based on attributes.

**FAQs:**

* 1. Would be uploaded in content admin module and displayed in Kiosk
  2. Standard FAQ format with questions and answers
  3. Responses can have Images
  4. Word cut & paste upload option would be available
  5. Provision to delete / add questions
  6. Content search option in Kiosk

**Govt. Schemes**

* 1. Would be uploaded in content admin module and displayed in Kiosk
  2. URL / path of the govt. scheme to be given
  3. Word cut & paste upload option would be available
  4. Provision to delete / add Schemes
  5. Content search option in Kiosk