Aura Survey Designer

AURA SURVEY DESIGNER

❖ **AURA Survey Designer**

➢ Overview

➢ Platform

➢ Responsive

➢ Paper/CAWI/CAPI

AURA Survey Designer

▶ **Single Platform** handling multiple modes for outreach and feedback **(paper, web, mobile)**

▶ Web Responsiveness – Device and web browser agnostic design adapts to different screen sizes, resolutions, and devices like smart phones (Android/IOS), tablets, and laptops/desktops with no horizontal scrolling

▶ Human Centered design for ease of use by **Dynamic Survey Personalization** based on user responses

▶ Offline data collection capability with auto synchronization when the internet connectivity is restored

▶ Multi-Lingual support (English and Spanish)

AURA Survey Designer

Survey Designer – Front End Application / User interface to create questionnaires. Windows client application

Aura Server – Windows server application. Back End Server / Brain / Heavy duty processing. Responsible for Authentication, Authorization, Database read & write, Integration with NASS systems like MRS, SMS etc. and Assembly process.

CAWI – Respondent web application

CAPI - Enumerator Mobile Application

TESTING ENVIRONMENTS – Alpha and Beta

AURA Survey Designer

- Developed for NASS for the 2017 Census of Agriculture
  - Over 2.1M
- AURA Platform
  - Business User –
    - No IT intervention in the development/design process
    - Role-based access
    - Generates multi-mode
    - Integration with upstream/downstream systems
    - Multi-lingual support (English and Spanish)
    - Auto generated Pseudo Images from PDFs

AURA Survey Designer

- AURA Platform (cont.)
  - Customer -
    - Web responsive
    - Dynamic Personalization
    - Offline capability
    - Multi-lingual
    - Auto generated Pseudo Images from PDFs/HTML form printed

Recipes

A set of instructions for preparing a particular "dish", including a list of the ingredients required.

Paper Recipe

Web Recipe

Recipes

Global Recipe = Recipe applied to multiple states

State Recipe = Recipe applied to a specific state

Paper Components

Types Of Paper Components

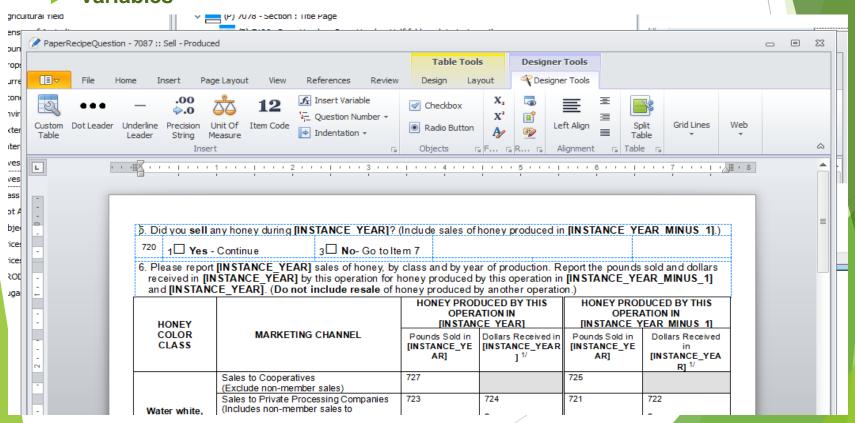- ▶ **Paper Configuration**
- ▶ **Paper Section**
- ▶ **Paper Question**
- ▶ **Paper Header**
- ▶ **Paper Footer**
- ▶ **Page Break**
- ▶ **Empty Page**

Paper Configuration

▶ **Paper configuration component is used for defining :**

❖ **Margins**

❖ **Size**

❖ **Layouts**

❖ **Orientation**

❖ **Headers & Footers**

❖ **Configuration is automatically copied to any new component created in that recipe**

❖ **If no configuration component : We have default margins and fonts that are applied**

WYSIWYG   RTF   Editor

- **Microsoft Word Replacement**
- **Compatible RTF/DOC/DOCX formats**
- **MRS Integration**
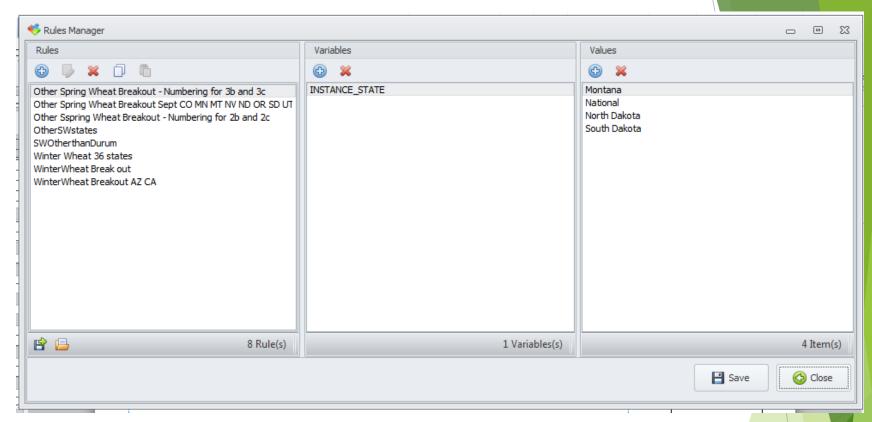- **Auto Question Numbering**
- **Auto Question Indentation**
- **Variables**

Editor Features

Designer Tools - TAB

- ▶ **Custom Tables**
- ▶ **Dot / Underline Leaders**
- ▶ **MRS Integration**
  - ❖ **Precision String**
  - ❖ **Unit Of Measure**
  - ❖ **Item Code**
- ❖ **Variables**
- ❖ **Question Numbering**
- ❖ **Indentation**
- ❖ **Checkbox & Radio Button**
- ❖ **Formatting**
- ❖ **Content Rules**

Rule Manager

Rules are evaluated to TRUE or FALSE based on variables values

Rule Manager

Types of rules:

- ❖ **Components Visibility**
- ❖ **Component Content**

▶ **Visibility Rules** are applied to components – If evaluated true the component will be included in assembly

▶ **Content Rules** are applied to component text – If evaluated true the content will be included in assembly

Questions

▶ **Demo to follow**