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


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
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
### Rules Manager

Rules are evaluated to TRUE or FALSE based on variables values.

<table>
<thead>
<tr>
<th>Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Spring Wheat Breakout - Numbering for 3b and 3c</td>
</tr>
<tr>
<td>Other Spring Wheat Breakout Sept CO MN MT NV ND OR SD UT</td>
</tr>
<tr>
<td>Other Spring Wheat Breakout - Numbering for 2b and 2c</td>
</tr>
<tr>
<td>OthersWstates</td>
</tr>
<tr>
<td>SWOtherthanDurum</td>
</tr>
<tr>
<td>Winter Wheat 36 states</td>
</tr>
<tr>
<td>WinterWheat Break out</td>
</tr>
<tr>
<td>WinterWheat Breakout AZ CA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Variables</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSTANCE_STATE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Montana</td>
</tr>
<tr>
<td>National</td>
</tr>
<tr>
<td>North Dakota</td>
</tr>
<tr>
<td>South Dakota</td>
</tr>
</tbody>
</table>
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