This packet will help you get started building your CommCare application and will help in completing Worksheet 1. Before starting, make sure you have an understanding of your program’s current methods and materials in use.
Defining Your Purpose

When and by whom will this application be used?

Please answer the following on Worksheet 1:

1. Who are the beneficiaries?

   Example: Pregnant women and their newborn infants

2. Who are the users of the CommCare Application?

   Example: Government CHWs who visit the pregnant women during their pregnancy and 30 days after birth.

3. What are the events when will the application be used?

   Example:
   
   1) To register the women
   2) To conduct three checkups during pregnancy
   3) To register the birth
   4) To check up on the baby 1 week after birth
   5) To finish the data collection one month after birth
Most CommCare applications are organized into different categories of information called «Modules». These modules then contain your data collection forms.

Module
These are the main categories of information you’ll be collecting. For example, 1) pregnant women and 2) their children. Keep in mind you may only need one module.

Forms
Inside the Modules will be forms. This is where you collect your data or show a series of questions the user views sequentially on the phone.

Looking at your answers from page 2, what modules would you like to have?
Please complete the table in worksheet 1, filling in the module names with corresponding forms, as shown by the examples in red.

<table>
<thead>
<tr>
<th>Module Name</th>
<th>Form Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mother</td>
<td>Registration</td>
</tr>
<tr>
<td></td>
<td>Immunizations</td>
</tr>
<tr>
<td></td>
<td>Weight/Height</td>
</tr>
<tr>
<td></td>
<td>Close</td>
</tr>
<tr>
<td>Child</td>
<td>Registration</td>
</tr>
<tr>
<td></td>
<td>Immunizations</td>
</tr>
<tr>
<td></td>
<td>Weight/Height</td>
</tr>
<tr>
<td></td>
<td>Close</td>
</tr>
</tbody>
</table>
Defining Your Content

Questions and Counseling Messages

The main content in each form will likely be in 3 components:

Data To Collect
Most applications collect data by posing a series of questions. These questions can be asked to the beneficiary directly or can be for the FLW to answer on their own.

Counseling Messages
Many applications choose to provide messages which do not collect data but instead provide information to the beneficiary.

Audio and Images
When accessing both a data collection question and counseling messages, CommCare is able to play audio and show an image on screen.

Look at your current forms and data collection methods to determine what questions you will need to ask and what messages to show.
When deciding on your data collection questions, keep in mind your questions or messages can appear on screen in the following ways:

**Full Text**
The user enters text freely, like entering a patient’s name:

**Number**
The user enters a number, like a phone number, age or date.

**Single Select**
The user chooses from options displayed on the screen, like YES or NO.

**Multiple Select**
The user can choose multiple options on the screen, like symptoms they are experiencing.

**Informational**
Often used for counseling messages, this requires no input from the user.
Data Collection: Display Logic and Constraints

*When the question is asked and How it needs to be answered*

You can make sure your questions are asked at specific times and are answered in specific ways:

**Question Display Logic:**
*How and when should the question appear.*

You can make questions appear based only on the previous question asked. The built in logic will allow your user to only see questions that are relevant based on the beneficiary. For example, in a series of questions about medical procedures, you can ask if a second vaccination was given only when they have received a first vaccination.

**Question Constraints**
*How the question needs to be answered.*

This confines the answer to certain parameters. This is important for quality control and to ensure accuracy. If an answer is entered outside of a confined range, the application will ask for a corrected answer.

For example: if registering a pregnant woman’s age, you can constrain the answer to be between ages 12 and 70 years.
Defining Your Questions

*Putting it all together, the flow of information then looks like this:*

<table>
<thead>
<tr>
<th>Question</th>
<th>Question Type</th>
<th>Data Constraints</th>
<th>Display Logic</th>
<th>Translations &amp; Multimedia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Free Text</td>
<td></td>
<td></td>
<td>To be compiled at a later date</td>
</tr>
<tr>
<td>Age</td>
<td>Number</td>
<td>Must be between 12-70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Village</td>
<td>Free Text</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date of last menstrual period</td>
<td>Number (Date)</td>
<td>Must be in the past</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Previous pregnancies?</td>
<td>Yes/No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plan for Birth</td>
<td>Multiple Select:</td>
<td></td>
<td>Only show in 3rd trimester</td>
<td></td>
</tr>
<tr>
<td></td>
<td>-hospital, clinic, home, no plan</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please fill out the table in Worksheet 1