Menu Filtering

CommCare allows you to intelligently filter menus in your application based on standard XPath Expressions. This article walks through filtering menus, but filters can also be used on individual questions.

Enabling Menu Filtering

1. To enable menu filtering, you first need to enable the Display Conditions add-on. Select the gear icon next to the application name in the upper left hand corner. Then select the Add-Ons tab.

2. Select the three lines on the right hand side and select the 'Calculations' option if it is not already displayed.

3. Now enable the "Display Condition" add-on. Be sure to save after enabling the feature:

Creating a Menu Filter

Menu filters are added on the Menu Settings page:
Expressions are written using a standard XPath Expression. You can find examples of these on the [Common Logic and Calculations](#) and [CommCare Functions](#).

Note that you must change your CommCare version to 2.20 or later in the Application Settings AND you must be using CommCare mobile 2.20 or later in order to use a Menu Filter.

**Common Uses**

**Hide a menu from all users**

You may want to temporarily hide a menu in a deployed version of an app. In order to do this you can simply use: "false()"

**Hide a module from some users**

Menu filters can reference [Custom User Data](#), so you can create an XPath expression that registers a particular user property. For example if your users for which the user data **type** is **supervisor** you could create the following XPath expression:

\[
\text{count}(\text{#session/user/data/type}) > 0 \text{ and } \text{(}\text{#session/user/data/type}= 'supervisor'\text{)}
\]

Another example is when you want to use your app in several countries and only show specific content to users from each country. For example when deploying an app to India, Senegal, and Zambia, the user property **country** would be set to either **India**, **Senegal**, or **Zambia** for each user. If I want to show the module to users from only Senegal and Zambia I would create the following XPath expression:

\[
\text{count}(\text{#session/user/data/country}) > 0 \text{ and } \text{(}\text{#session/user/data/country} = 'Senegal' \text{ or } \text{#session/user/data/country}= 'Zambia'\text{)}
\]