Table Module Exercise

Estimated dev: 1-2 hours

Create the table:

sed_person

Field name	Data type	Display Type
first_name	VARCHAR(255)	Input Text
last_name	VARCHAR(255)	Input Text
age	INT	Input Text
gender	ENUM('male','female','other')	Radio List
hobbies	TEXT	Textarea
birth_date	DATE	Date Selection
is_real	ENUM('yes','no')	Checkbox
height	VARCHAR(255)	Input Text
username	UNIQUE VARCHAR(255)	Pulldown From Table (table sed_extranet_user, username field)

Embed Rules

List Embed:

- Display the **birth_date** in a nice readable format like "October 14, 1982"
- If a person's **age** is:
    - Below 20:
        - Display the column with bg-success CSS class
    - Between 20 and 70:
        - Display the column with bg-warning CSS class
    - Over 70:
        - Display the column with bg-danger CSS class
    - **Hint**: Use the display_[fieldname]_column embed function

- If a person's gender is:
  - Male:
    - Make the text blue
  - Female:
    - Make the text pink
  - Other:
    - Make the text gray
  - **Hint**: Use the display_[fieldname]_column embed function
- Only display the records where **is_real** is "yes" (exclude NULL)
  - **Hint:** Use sql_where embed function
- Display the **username** AS "**username ([extranet roles comma separated list here])**", getting the roles from the extranet user selected
  - **Hint**: use sql_list_[fieldname] and sql_join embed functions

Edit Embed:

- Display the **age** field as a **disabled field** with the computed age based on the **birth_date** on change of the birth date (use JS/jQuery for this onchange event)
- Make the **username** pulldown exclude the username 'laplante'
- Make the edit page have the user's username as the breadcrumb instead of the UID
  - **Hint:** check the *Table Module Resources* Menu in Extenso and look for "Breadcrumb field" when editing the row for your generated table (AFTER it has been generated at least once)

Resource Embed:

- Validate the fields **birth_date** and **username** are set (required fields)
- Before save, compute the person's age based on their **birth_date**
- Before save, validate the age is a number between 0 and 120
- Before delete, do not allow deletion if the **hobbies** field contains the word "Programming" (case insensitive) and let the user know "Programmers cannot be deleted".