**Pedigree Module – UAT**

**Post UAT feature requests:**

* Reformat the “Great” (G) prefix for grandparents and grandchildren to replace the space with a slash, e.g. “G/Grandfather”.
* Alter “GrandMother”, “GrandFather”, “GrandSon”, “GrandDaughter” strings so that only the first letter is capitalized, e.g. “Grandmother”, “Grandfather”, etc.
* In the table of relatives, indicate a “No twin” relationship using an empty field instead of “NT” (which seems a bit mysterious). Apply this change to the “Set twin” modal window too.
* In the table of relatives, indicate an unknown relationship type using the value “Undetermined” instead of “Not known”.
* In the “Set twin” modal window, rename the “NT” action button to “Unset” so that it’s consistent with setting mother/father relationships.
* Move the visualisation download icons to the **lower-left** area of the modal window.
* When the visualisation of a pedigree is being computed, give the user some indication that something is still happening; at the moment there is a significant delay between the modal appearing, and the visualisation appearing within the modal. Perhaps use the “spinning circle” overlay that was implemented previously in other areas of The Ark?
* The “Set twin” button should only be active when there are brothers and sisters found in the pedigree for the person in context. Otherwise, the user will see a modal window with no possibility to do anything useful with it.
* Going to the pedigree screen without any subject in context, the “Download as PED” icons are still shown and clickable. This should not be displayed, or not be clickable, if no relatives are present (there’s nothing to export).
* When clicking “Unset” on a subject’s mother/father, the system should display a modal confirmation to warn the user of the action’s implications. The message should read:

**Warning: removing a [mother|father] relationship may also affect other parts of this pedigree, including twin relationships.**

**Do you wish to continue?**

The modal could then have “Yes” and “No” buttons to either proceed or cancel the action. Cancelling the action returns the user to the mother/father search screen.

* When setting a mother/father relationship, the system should compare the subject and parent’s DoB. If both values are known and the parent is alive, a warning modal should be displayed if the parent is younger than the child. The message should read:

**Warning: the subject in context is older than his/her living [mother|father].**

**Do you wish to continue?**

The modal could then have “Yes” and “No” buttons to either proceed or cancel the action. Cancelling the action returns the user to the mother/father search screen.

* Add the ability to download a pedigree visualisation as a PDF file. This means adding another icon with the caption “Download as PDF”. Landscape layout is probably most suitable, and the pedigree may span several landscape pages.
* Add the capability for the user to specify an “Affected status” field to be plotted on the visualisation and exported in Madeline pedigrees. Implement this as a new “Set affected” button which, when clicked, raises a modal window with a list of demographic custom fields that are CHARACTER type and have encoded values for “Yes” and “No” (we don’t care about other encodings). The user could pick from this list of these custom fields.
* Buttons on the pedigree screen are not centered. Adjust the style sheet.