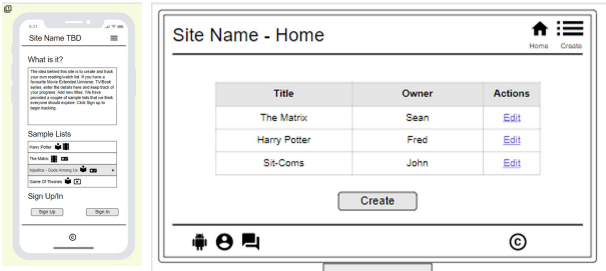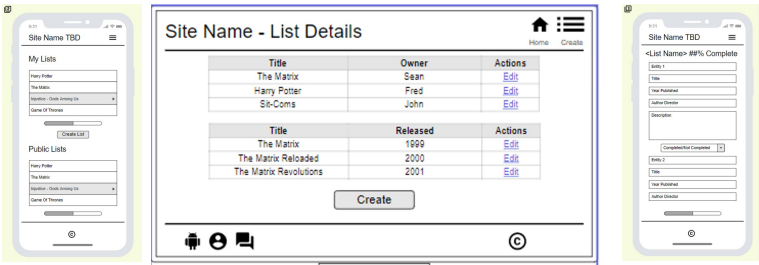# Milestone 3 Wireframes

Thursday 14 May 2020    21:25
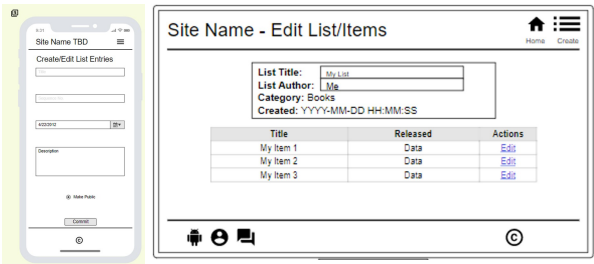


**Home Page:**
The home page will be the first page displayed when the user visits the site. The page will display a list of the lists already on the site. From here the user will be able to access each list. If it was a requirement, this is also where the user would be able to sign up or sign in to the site.



**List Details:**
The list details page is the page that displays the details of the selected list. The lists will be displayed in a table at the top of the page, while the contents of the selected list will be displayed in the lower section of the page. The items details are dependant on the category chosen. The list details should also display some information on the entry. This needs further investigation. The option to create a new list will also be displayed on this page



**Create/Add Items:**
The create list will be done over 2 pages. The first page will be where the user enters the details of the list, for example the list name, and the creator of the list. They will also select the category of the list (eg: Movies, books, etc...). When the details have been entered, clicking the add item button will bring the user to the add items page. This is where the list items are added, and fields displayed will depend on the category. The items will be added one at a time, and there will be a mechanism it finish which will return the user to the home page. The add items page will also be the mechanism for adding additional items to an existing list.



**Edit List/Items:**
The edit list/items page will provide the ability to amend existing list and item details (i.e. Spelling errors). Selection the option from the list options page, will load up the info from the selected list and the user can edit the required fields. The intention is to not allow the category and last modified fields to be modified by the user. This is to avoid issues with differing fields for each category. There will also be an option to delete a list or single item.

**MongoDB:**
MongoDB will be used as the back-end for this project. The data base will comprised of 3 collections.
The "categories" collection will store the available categories for the list, and each record will the category name, and the fields for the category. The fields will be stored in an array object. This will mean that only 1 object needs to be returned to populate the webpages that require the category fields. An array is used as the number of fields used is not the same for each category.
The "lists" collection will store the list details (i.e. list name, list owner, category, and created/modified date).
The "items" collection will store the items for each list. The id of the parent list,  the created/modified list will be stored along with an object of the items details. The object is similar to a dict in python. Using Key, Value pairs will allow for the varying fields in each category to be called.