**UI View**

The UI view has four parts:

1. Tool Box Container
2. Rendering Container
3. Element Container
4. Properties Container

**Toolbox Container:**

Tool Box will contain the entire UI tool supported by Quest Framework. User can select the element from this container and add to rendering container. Each element has some description which will display by hovering over element (in tooltip).The element will have fixed width of 50px.ScrollBar will be hidden. The up, down icon will be there to implement scroll functionality.

**Rendering Container:**

This will be the simple DIV element which will have canvas element in it.This element will have 60% of the window width. User can increase/decrease width of this element.

**Element Container:**

This container will have display all the selected elements here in tree type structure and user will have option to remove element from list by pressing delete button. User also gets the option to rename the selected element by pressing rename button. This container will be 30% width of window and 50% height of window. User can also increase/decrease width and height of container. User also has option to reorder element using drag drop in tree structure.

**Properties Section:**

This container will display all the properties of selected element. User will have the option to add, update property from here and submit selection and export as a JSON Object.

Properties can be of below types:

1. Text
2. Number
3. Asset Selector (Browse)
4. Text Area
5. Container( contains sub Property)
6. Checkbox
7. Combo Box

Further this container will be 30% width of window and 50% height of window. User can also increase/decrease width and height of container. One Modal Box also requires displaying confirmation message and prompting message. Third party Scrollbar also need to integrate to give nice visual Effect.

**Discussed JSON:**

**UI Elements JSON:**

[{id: “BTN”, name: “button”, icon: “button-icon”, description: “This is button icon“},{id: “LBL”, name: “label”, icon: “label”, description: “This is label icon“}];

**Properties JSON:**

[{name: “x”, type:”NUMBER”, associated\_element: [“BTN”,”LBL”]}, {name: “image”, type:”ASSET\_SELECTOR”, associated\_element: [“BTN”]}];

**Days of Estimation (5 Days):**

**1st Day:**

* Layout of Tool.
* Implement increase/ decrease elements width functionality
* Display UI elements in Tool Bar container.

**2nd Day:**

* Implement tree view structure in
* Implement remove element form tree functionality
* Implement rename selected element functionality

**3rd Day:**

* Implement properties section functionality

**4th Day:**

* Implement drag drop item from tree view structure.
* Add third party scrollbar.

**5th Day:**

* Testing and Bug Fixes.