**Front – End Design**

* Quiz, Questions and options will all be saved as one huge object.
* Object will be sent over through JSON to java back-end, where the data will be saved in the database.
* Quiz is the parent object, Questions are saved as an array, options are saved as an array.

**Logic to implement**

* When user enters Quiz name and clicks “Add Question”, a Questions and options (together as a card) will appear.
* Design a “Add Question” button
* Form array in ReactJs
* When button “Add Question” clicked, Component added to Array. The added components are then displayed over from the array.
* **Add a delete button beside each options textbox**
* **For each separate form fields, add a local state. Pass the input field data to the local state and update the state. Then pass the local state to the global state through an event handler.**

**Adding Redux to the application**

* Create individual states for each components, Quiz, Question and Options.
* Add the individual states to the global states.
* Combine the states together as one object.
* Inject the combined states to the Quiz component and submit the combined states together.