REQUIREMENTS SPECIFICATION

User can create their own T-diagrams and J-diagrams

* Diagram components (translators, compilers, etc) must be available in a toolbar for each type of diagram
* User can drag and drop the components onto a canvas
* User can add text to the diagram to specify initial/target languages and other details
* The diagram components must ‘lock’ together
* The user must be able to save their diagram in some format
* The user can zoom in (scroll) and out of the canvas
* The user can resize the diagram components
* Components that lock together must be adjusted to equal size
* The components should be able to be ‘unlocked’
* Undo/Redo functionality
* Copy/Paste

The user can see cases of correct and incorrect diagrams

* Information on each diagram type must be provided (semantics and rules of each type)
* Correct and incorrect diagrams must be shown (maybe on a separate page from the canvas)
* Information on other diagram styles

Must have

Should have

Could have

Will not have