**Capstone Assignment 1.2 – UML Sequence Diagram**

You will be expected to upload a PDF of your diagram. A free online tool you may use to make your diagram is [Lucidchart](https://www.lucidchart.com/). Note that you will need to create an account in order to use this tool.

**Guidelines for the assignment**

Review this lecture to aid you on your assignment:

1.3.6 – UML Sequence Diagram

**How to create your assignment**

Review the code responsible for adding a new item.

Make a sequence diagram that captures the interactions of objects in the app when a new item is added.

Your sequence diagram should contain the following classes:

* AddItemActivity
* ItemList
* Dimensions
* Item

And contain calls of the following methods:

* onCreate()
* loadItems()
* saveItem()
* Dimensions constructor
* Item constructor
* addItem()
* saveItems()

Lastly, the activation of AddItemActivity should start with the call to “onCreate()”

**Hint**: you may need to use nested activations.