**Software Development 3**

**Research Project 20%**

Using a design pattern of your choice (Singleton, Decorator, Factory, MVC), design a program which is **suitable** for the pattern.

**Requirements:**

* It must be possible to create and delete objects
* Objects must be serialized for storage, allowing objects to be read back in (deserialized) next time the program is run.
* RMI must be used to demonstrate understanding of server-client communication.
* GUI:
  + Display all objects
  + Ability to add object
  + Ability to delete objects
  + Ability to edit objects
* Brief documentation explaining the design pattern, why it was chosen (suitable) for the project.

Don’t forget to comment code!

Screencast and code to be submitted