**OOP Mini-Project Requirements**

**Project Title:** Tool hire System

**Author**: Luke Foley

**Project Aims:**

* To create a functioning rental system for a tool hire shop
* The user must be able to add, amend, remove and view tools
* The user must be able to add, remove and view system users
* The user must be able to add, return and view rentals
* Each tool on the system will have a status, indicating whether the tool is “in”, “out” or “unavailable”
* The system will validate user inputs
* Each object will be assigned a unique ID – Tool ID, User ID etc…
* Implement serialization

**System diagram**

