

**COMP741 – Applications Development**

**Diploma in Software Development Level 7**

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**Project Proposal**

# **OBJECTIVE/PURPOSE STATEMENT**

The project have the purpose of providing a system to help the management of a library of an institution. The project will provide a platform in which the user will be able to manage book inventory, borrow books, check book status (if the book is available, unavailable, sold, not returned) and manage the information of the members.

# **SCOPE OF WORK**

The scope of work should contain the following features:

* **Management of book inventory:**

The user will be able to include, update, search and delete the books available in the inventory.

* **Borrow books:**

The user will be able to borrow books to members of the library.

* **User Authentication:**

The system will contain an authentication feature to secure access to the system.

* **Management of the member information:**

The admin will be able to manage information of the member, such as include a member, edit a member information and remove a member.

# **SCHEDULE**

The development of the system should be completed in 9 weeks.

# **PRICE**

The budget of the system still need to be decided.

# **KEY ASSUMPTIONS**

* The system should be installed in windows OS.
* The project should be concluded in 9 weeks.
* The project should not lag or stutter.
* The system should be user friendly.
* The project will be developed in Java programming language

# **ACCEPTANCE**

The project should be accepted and approved by its sponsor, the development team should develop the project within 9 weeks with no delays.