**Final Project Statement of Work Template**

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| 8 |
| Jon Joly |
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**Group Number:**

**Group Leader:**

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| Jon Joly |

**Names of Group**

**Members:**

**Summary of what your program will do (be very specific):**

I’d like to create a library management program that has real life functionality. Here’s a list of the features I’d like to add, allows the adding of new books, can add new library members and view which books they currently have checked out, as implied members can also checkout and return books, searching for books by title or author, display a list of all books, and the ability to write and read books to and from an external file.

**Decomposition with Assignments:**

Use the space to list the decomposition or outline of your program. Next to each section, provide the name of the student who will be working on that portion.

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| **Decomposition** | **Responsibility** |
| Declare necessary classes, elements, and functions |  |
| Implement basic logic and add test data for books & members |  |
| Add a console prompt that runs on a loop until the user exits |  |
| Implement reading and writing to a to an external file |  |