**Sprint 1**

**Anthony Mancini - Portion**

User Story to Divide: “*As an employee I would like to be able to put a request for a new book into the inventory.”*

#1 “*As an employee I can put a request for a new book into the customers book log*”

#2 “*As an employee I want to be able to put a request for a new book into the inventory when I’m notified that there is only x amount left.*

Test Case for: “*As an employee I can put a request for a new book into the customers book log*”

Valid Inputs -> positive numbers (1, 500, 5000)

Invalid Inputs -> negative numbers, string (“Hello World”)

Valid Outputs -> successful request message, count of book in inventory.

Invalid Outputs -> display of negative numbers, any arithmetic operation.

VEC: Integer values (0-10) -> -1,11 -> 0,10

IEC : any strings entered, numbers 0 <

TEST CASE 1 (Out of lower bounds):

Run request book class

Select request function on desired book in data base.

Input -1

System returns: Error input out of bounds. Message “Sorry, a negative request for a book is not allowed”.

End Program

TEST CASE 2 (Out of upper bounds):

Run request book class

Select request function on desired book in data base.

Input 11

System returns: Error input out of bounds

End Program

TEST CASE 3 (upper bounds):

Run request book class

Select request function on desired book in data base.

Input 10

System returns: “x number of books requested. Count of book is now: x”

End Program

TEST CASE 4 (lower bounds):

Run request book class

Select request function on desired book in data base.

Input 1

System returns: “x number of books requested. Count of book is now: x”

End Program

TEST CASE 5 (string):

Run request book class

Select request function on desired book in data base.

Input “Hello”

System returns: “Error. Input must be an integer.”

End Program