Test Plan

CS 4321 - Software Engineering 1

Group 2

Group Member Names

Date

[You will use the category partition method to generate test specs for as many features as you can. Use the format below. This document will be stored in GitHub in a folder named *testing* stored just off the root]

1. **Feature:** PlaceHolds

PlaceHolds (Book, Member)

1. Book
2. Status
3. Available
4. On Hold [property onHold]
5. Invalid [error][property invalidBook]
6. Member
7. Status
8. Good Standing
9. Suspended general [single][if !onHold ]
10. Invalid [error][property invalidMember]
    1. **Input File for TSL Program**

# Book

Book Status:

Available.

On Hold. [property onHold]

Invalid. [error]

# Member

Member Status:

Good Standing.

Suspended General. [single][if !onHold ]

Invalid [error]

* 1. **Test Specifications from TSL Program**

Test Case 1 <single>

Book Status : On Hold

Test Case 2 <error>

Book Status : Invalid

Test Case 3 <single>

Member Status : Suspended General

Test Case 4 <error>

Member Status : More than one

Test Case 5 (Key = 1.1.)

Book Status : Available

Member Status : Good Standing

1. **Feature:** CreateMember

CreateMember(Guest, Associate)

1. Guest
2. Entered UserName
3. Available
4. Taken [property IsTaken]
5. Entered Password
6. Strong
7. Weak [property Weak]
8. Entered AccountInfo
9. NewInfo
10. OnFile [property OnFileGuest]

1. Associate
2. Status
3. Valid
4. Invalid [error][property invalidAssociate]
   1. **Input File for TSL Program**

# Guest

Entered Username:

Available.

Taken. [single][property isTaken]

Entered Password:

Strong.

Weak. [single][property weak]

Entered Account Info:

New Info.

On File. [single][property OnFileGuest]

# Associate

Associate Status:

Valid.

Invalid. [error]

* 1. **Test Specifications from TSL Program**

[Provide the neatly formatted text of the output file from the TSL program. The actual files should be in GitHub in the testing folder]

1. **Feature:** RenewBook

RenewBook(Book, Member)

1. Book
2. Status
3. Available
4. On Hold [property onHold]
5. Invalid [error][property invalidBook]
6. checkedOut [property CheckedOut]
7. Member
8. Status
9. Good Standing
10. Suspended general [single][if !onHold ][if CheckedOut]
11. Invalid [error][property invalidMember]
    1. **Input File for TSL Program**

# Book

Book Status:

Renewable.

Not Checked Out. [single][property notCheckedOut]

On Hold. [single][property onHold]

Invalid. [error]

# Member

Member Status:

Good Standing.

Suspended. [single][property suspended]

Invalid. [error]

* 1. **Test Specifications from TSL Program**

Test Case 1 <single>

Book Status : Not Checked Out

Test Case 2 <single>

Book Status : On Hold

Test Case 3 <error>

Book Status : Invalid

Test Case 4 <single>

Member Status : Suspended

Test Case 5 <error>

Member Status : Invalid

Test Case 6 (Key = 1.1.)

Book Status : Renewable

Member Status : Good Standing