Library Data Dictionary

MembershipNumber = \*a unique numeric value, length = 10 digits\*

MemberAddress = \*address of the member, character value, length <= 100\*

MemberName = \*a character value, length <=40\*

BookID = \*a unique numeric value, length = 10 digits\*

BookName = \*a character value, length <=40\*

Date = \*date value of the action YYYY-MM-DD\*

ActionPerformed = \*character value, length <= 20 / name of the action (return, request or renew)\*

**MemberDetails = MemberName + MemberAddress + MembershipNumber + (MemberPhone)**

**BookDetails = BookName + BookID + Date**

**Receipt = ActionPerformed + Date + BookID + MembershipNumber**

**Books = {BookDetails} - data stored**

**RequestDetails = RequestID + BookDetails + MemberDetails + [up to two weeks]**

**RenewDetails = RenewID + Date + Counter + BookDetails + MemberDetails + [up to three renews]**