Model::Main

Library Management System

Contains

+Contained by

Book
+genre
+book_name
+book_Id
+number_of_pages
+Issue book()
+return_Book()
+order_book()

Account
+account_Id
+customer_name
+customer_details
+create_Account()
+delete_Account()
+manage_Account_Details()

+Provides

Library Card
+card_id
+customer_details
+customer_photo
+barcode
+books_issued()
+return_books()
+print_interested_books()

1 +Issues

Library
+Library_id
+Name
+Location
+timings
+add_book()
+remove_book()
+list_books()
+list_books_by_category()

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+publishes

+Assists

Publisher
+publisher_Id
+name
+contact_number
+address
+get_publisher_details()
+list_publisher_details()
+get_published_books()

Student
+age_group
+grade
+school
+get_details()

Professor
+field
+occupation
+get_details()

Assistance
+assistance_id
+date
+purpose
+status
+record()
+get_details()

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Librarian
+librarian_id
+name
+email
+hire_date
+shiftType
+assist_member()
+manage_inventory()
+generate_report()

«enumeration»
shiftType
Reugular
Premium