abstract Books

String bkId,bkName,bkAuthor

int period char caller

String[] category

Books()

Books(String,String,String,String)

abstract void displayRegBooks()

int addNewBook(String,String,int)

void removeBook()

void returnBook()

void issueBook()

Long getPenalty(String)

User

public static JFrame frmObjUser

public void createUser()

public void displayUser()

void getId(int)

has\_a (Aggregation)

**Library Management (Class Diagram)**

Interface

Home

JLabel lblMain

void createHome()

void displayHome()

is\_a

is\_a

Non Tech

int x

char cls

NonTech()

NonTech(char)

void displayRegBooks()

void displayIssued()

@override int addNewBook()

1

1

<operates>

1

1

<operates>

<uses>

Tech

int x

char cls

Tech() Tech(char)

void displayIssued()

void displayRegBooks()

void displayBbBooks()

@override int addNewBook()

void returnBook()

Admin

JFrame frmObjAdmin

public void createAdmin()

public void displayAdmin()

LibProject

public static void main(String []args)

Home lib

Library

Jframe frmObjHome

Account

JFrame frmObjAdminLogin,frmObjUserLogin

static int next\_count=0

Account()

void createAdminLogin()

public void displayAdminLogin()

public void createUserLogin()

public void displayUserLogin()

void getStudDetails()

void addNewUser()

void removeUser()