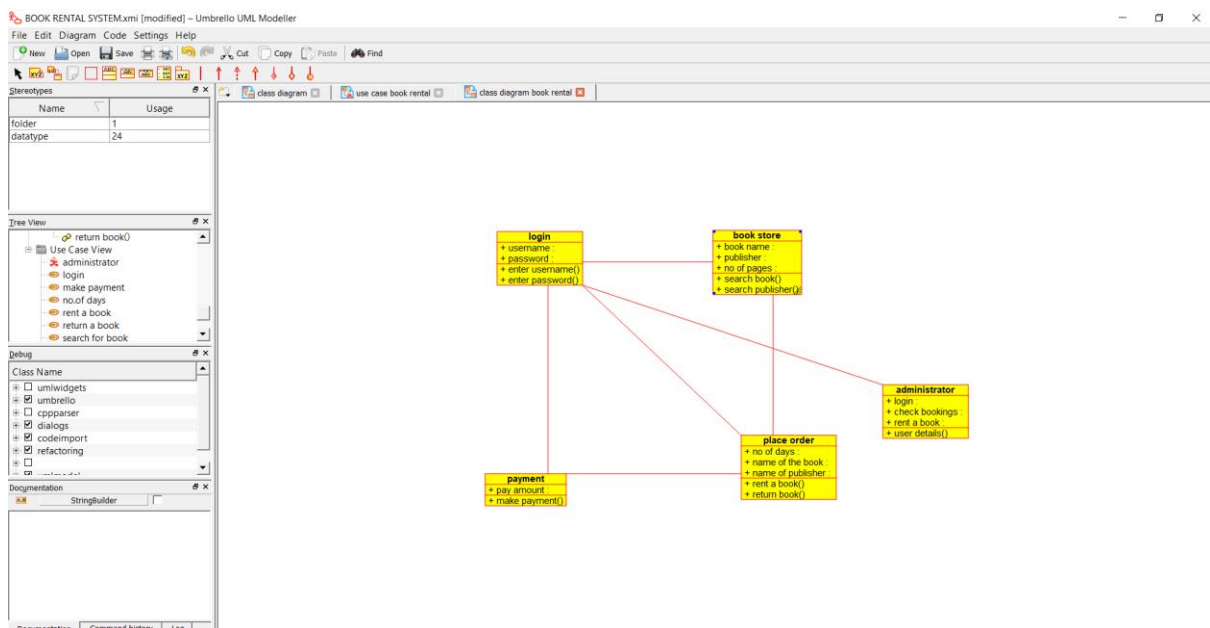


CLASS DIAGRAM FOR BOOK RENTAL SYSTEM



```
import java.util.*;

/**
 * Class administrator
 */
public class administrator {

    //
    // Fields
```

```

//

public void login;
public void check_bookings;
public void rent_a_book;

//
// Constructors
//
public administrator () { };

//
// Methods
//

//
// Accessor methods
//

/**
 * Set the value of login
 * @param newVar the new value of login
 */
public void setLogin (void newVar) {
    login = newVar;
}

/**
 * Get the value of login
 * @return the value of login
 */
public void getLogin () {
    return login;
}

/**
 * Set the value of check_bookings
 * @param newVar the new value of check_bookings
 */
public void setCheck_bookings (void newVar) {
    check_bookings = newVar;
}

/**
 * Get the value of check_bookings
 * @return the value of check_bookings
 */
public void getCheck_bookings () {

```

```

        return check_bookings;
    }

    /**
     * Set the value of rent_a_book
     * @param newVar the new value of rent_a_book
     */
    public void setRent_a_book (void newVar) {
        rent_a_book = newVar;
    }

    /**
     * Get the value of rent_a_book
     * @return the value of rent_a_book
     */
    public void getRent_a_book () {
        return rent_a_book;
    }

    //
    // Other methods
    //

    /**
     */
    public void user_details()
    {
    }

}

```

```

import java.util.*;

/**
 * Class book_store
 */
public class book_store {

    //
    // Fields
    //

    public void book_name;
    public void publisher;
    public void no_of_pages;

```

```

//
// Constructors
//
public book_store () { };

//
// Methods
//

//
// Accessor methods
//

/**
 * Set the value of book_name
 * @param newVar the new value of book_name
 */
public void setBook_name (void newVar) {
    book_name = newVar;
}

/**
 * Get the value of book_name
 * @return the value of book_name
 */
public void getBook_name () {
    return book_name;
}

/**
 * Set the value of publisher
 * @param newVar the new value of publisher
 */
public void setPublisher (void newVar) {
    publisher = newVar;
}

/**
 * Get the value of publisher
 * @return the value of publisher
 */
public void getPublisher () {
    return publisher;
}

/**
 * Set the value of no_of_pages

```

```

    * @param newVar the new value of no_of_pages
    */
    public void setNo_of_pages (void newVar) {
        no_of_pages = newVar;
    }

    /**
     * Get the value of no_of_pages
     * @return the value of no_of_pages
     */
    public void getNo_of_pages () {
        return no_of_pages;
    }

    //
    // Other methods
    //

    /**
     */
    public void search_book()
    {
    }

    /**
     */
    public void search_publisher()
    {
    }
}

```

```

import java.util.*;

/**
 * Class login
 */
public class login {

    //
    // Fields
    //

    public void username;
}

```

```

public void password;

//
// Constructors
//
public login () { };

//
// Methods
//

//
// Accessor methods
//

/**
 * Set the value of username
 * @param newVar the new value of username
 */
public void setUsername (void newVar) {
    username = newVar;
}

/**
 * Get the value of username
 * @return the value of username
 */
public void getUsername () {
    return username;
}

/**
 * Set the value of password
 * @param newVar the new value of password
 */
public void setPassword (void newVar) {
    password = newVar;
}

/**
 * Get the value of password
 * @return the value of password
 */
public void getPassword () {
    return password;
}

//

```

```

    // Other methods
    //

    /**
     */
    public void enter_username()
    {
    }

    /**
     */
    public void enter_password()
    {
    }

}

```

```

import java.util.*;

/**
 * Class payment
 */
public class payment {

    //
    // Fields
    //

    public void pay_amount;

    //
    // Constructors
    //
    public payment () { };

    //
    // Methods
    //

    //
    // Accessor methods
    //

```

```

/**
 * Set the value of pay_amount
 * @param newVar the new value of pay_amount
 */
public void setPay_amount (void newVar) {
    pay_amount = newVar;
}

/**
 * Get the value of pay_amount
 * @return the value of pay_amount
 */
public void getPay_amount () {
    return pay_amount;
}

//
// Other methods
//

/**
 */
public void make_payment()
{
}

}

```

```

import java.util.*;

/**
 * Class place_order
 */
public class place_order {

    //
    // Fields
    //

    public void no_of_days;
    public void name_of_the_book;
    public void name_of_publisher;

    //
    // Constructors

```



```

//
public place_order () { };

//
// Methods
//

//
// Accessor methods
//

/**
 * Set the value of no_of_days
 * @param newVar the new value of no_of_days
 */
public void setNo_of_days (void newVar) {
    no_of_days = newVar;
}

/**
 * Get the value of no_of_days
 * @return the value of no_of_days
 */
public void getNo_of_days () {
    return no_of_days;
}

/**
 * Set the value of name_of_the_book
 * @param newVar the new value of name_of_the_book
 */
public void setName_of_the_book (void newVar) {
    name_of_the_book = newVar;
}

/**
 * Get the value of name_of_the_book
 * @return the value of name_of_the_book
 */
public void getName_of_the_book () {
    return name_of_the_book;
}

/**
 * Set the value of name_of_publisher
 * @param newVar the new value of name_of_publisher
 */
public void setName_of_publisher (void newVar) {

```

```
    name_of_publisher = newVar;
}

/**
 * Get the value of name_of_publisher
 * @return the value of name_of_publisher
 */
public void getName_of_publisher () {
    return name_of_publisher;
}

//
// Other methods
//

/**
 */
public void rent_a_book()
{
}

/**
 */
public void return_book()
{
}
}
```