Library Management System

Main Menu – Full Console Output Documentation

Overview

This document shows the **full console output of the Main Menu** for the Library Management System. It represents how the program appears to the user when executed in the terminal.

This section is commonly included under **"Output Screens"** or **"User Interface"** in project documentation.

Program Start Screen

Console Output

```
============================================================
                LIBRARY MANAGEMENT SYSTEM
============================================================
```

Main Menu Screen

Console Output

```
--------------------------------------------
                MAIN MENU
--------------------------------------------
1. Add New Book
2. Display All Books
3. Issue Book
4. Return Book
5. Check Overdue Status
6. Exit
--------------------------------------------
Enter your choice:
```

User Choice – Add New Book

Input

```
Enter your choice: 1
```

Console Output

```
Enter Book Title: Python Basics
Enter Author Name: John Doe
Enter ISBN Number: 1234567890
Enter Year of Publication: 2024

Book added successfully!
```

User Choice – Issue Book

Input

```
Enter your choice: 3
```

Console Output

```
Enter ISBN Number: 1234567890
Enter Member ID: 101

Book checked out successfully.
Due Date: 2026-01-25
```

User Choice – Return Book

Input

```
Enter your choice: 4
```

Console Output (Not Overdue)

```
Enter ISBN Number: 1234567890

Book returned successfully
```

Console Output (Overdue Case)

```
Enter ISBN Number: 1234567890

Book returned (was overdue)
```

User Choice – Check Overdue Status

Input

```
Enter your choice: 5
```

Console Output

```
Enter ISBN Number: 1234567890

Overdue Status: False
```

User Choice – Exit Program

Input

```
Enter your choice: 6
```

Console Output

```
Thank you for using the Library Management System!
Exiting program...
```

Notes

- Outputs may vary based on user input and current date
- Due date is automatically calculated
- Menu repeats until Exit option is selected

Conclusion

This main menu output demonstrates the **interactive console-based interface** of the Library Management System. It ensures easy navigation and user-friendly operation.

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