Software Design Document

AmazonLite

1. Introduction

AmazonLite is a lightweight inventory application. It will only hold 3 object that the user can search, add or edit.

All interactions will be performed to the console.

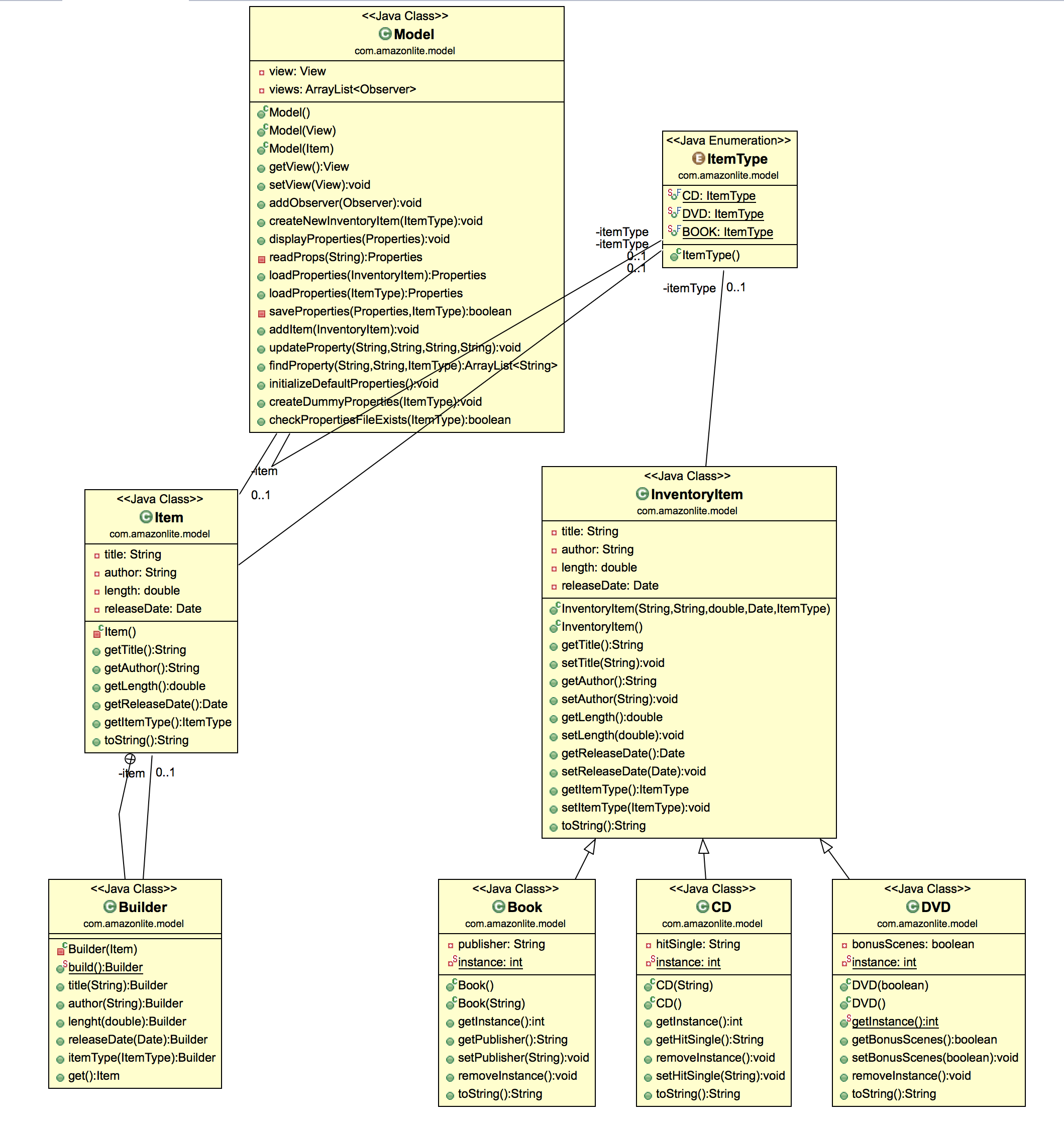
1. Design Overview

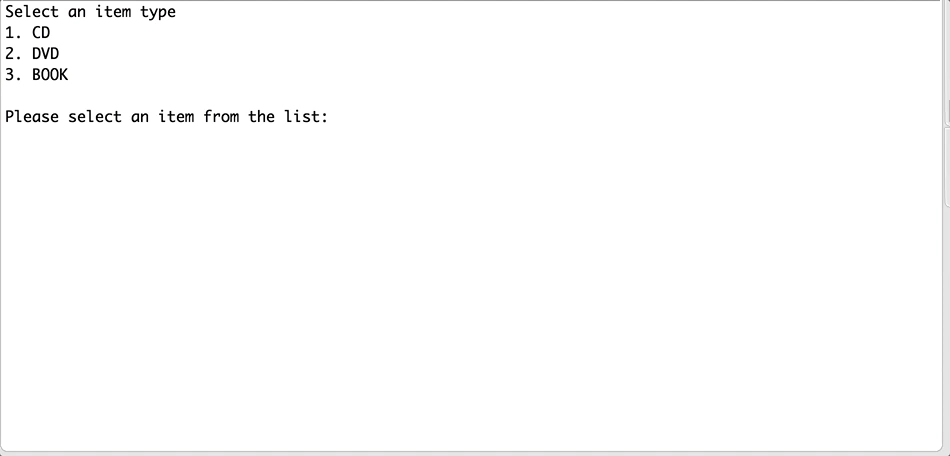
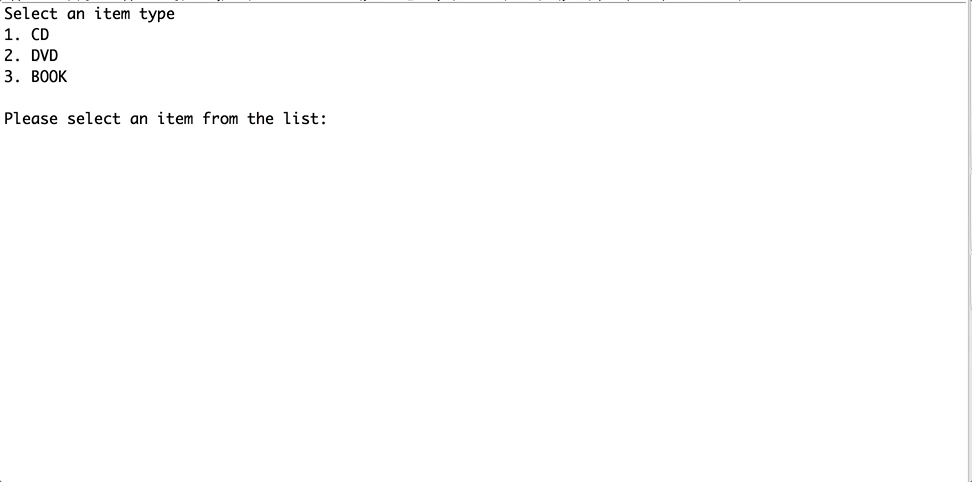
Items information will be saved locally in a properties file, that will reside in the same folder as the runnable JAR file. Upon launch the user will be able to select the media type to work with. Each media type can be searched through, add a new item to the already selected media type, or edit existing item(s). User can also see all items in the inventory.

1. Application structure

Application will start from a main app class.

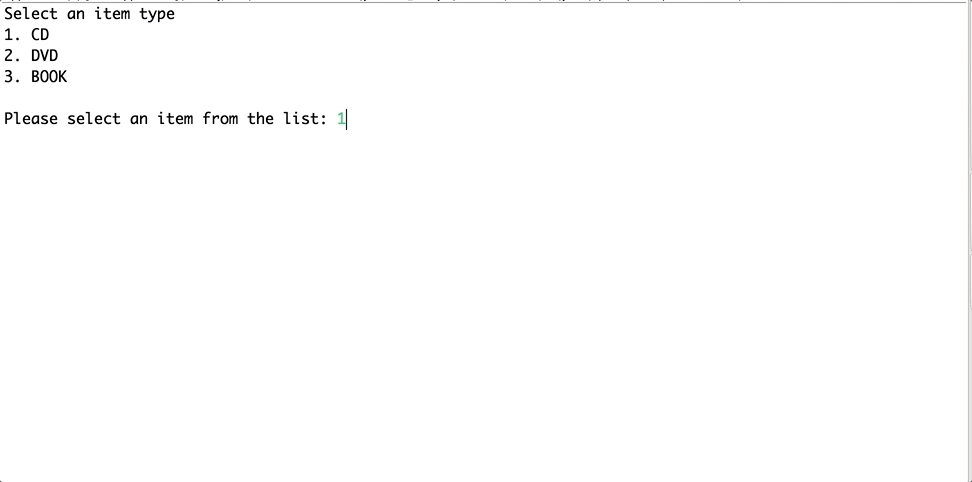
After user selects an option from the displayed menu, through the View class, the selected option will be passed through the Controller class and relayed to the Model. The model will then execute the necessary action and return an ArrayList<String> to View to be displayed. It is up to the view to decide which items to display, based on the user action.



Application in use (Video clips below):

Search and update item. Display item.

Display Inventory.

Add item to inventory