

The project below contains six different classes excluding the main class app.java.

Members.java:

Members.java storee\s information that an adult and child member would need with variables to set them apart such as isChild.

Item.java:

A parent class to item types such as DVD, magazine and book this parent class contains similar variables between the item types and allows for easier storage of the items due to them having a parent object.

DVD.java:

A child class of Item.java which contains unique variables releaseDate and durationInMinutes.

Magazine.java:

A child class of Item.java which contains unique variables publicationDate and issueNumber.

Book.java :

A child class of Item.java which contains unique variables author, ISBN, numberOfPages.

Library.java

A class with connections to everything this class contains the majority of the methods to execute for the client. It also stores lists that contain important information such as member information and item information for the library.

