Online Book Store

**Introduction**

Online Book Store is an online shopping concept which allows user to shop books online in an easy and efficient way. Now a days, everybody wants a time-saving application as our requirements are dynamically changing with time. We want to access everything in easy and efficient manner.

Internet has changed the world..!!! It is influencing our lives and our lifestyles..!!! The paradigm of shopping has been changed. Presently, the people prefer shopping from home using mobile like potable gadgets. These gadgets provide us penalty of options. Inspired from this trend, I developed the ***Online Book Store*** application that provides a unique platform for experience an elegant way of online shopping of books.

**Objective**

To establish a convenient and effective platform of shopping for book lovers where they can buy books of their at very cheap rates.

**Technical description**

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| **Sr. No.** | **technology used** |
| 1 | Database - MySQL 5.7 Command Line Client |
| 2 | Language used - Core Java |
| 3 | Connector used - mysql-connector |

**Important packages and classes**

* **bookstore** (package)
  + **Admin** (class)– Contains fields related to an Administrator like, admin name (name) , admin id (id) and admin password (pass)
  + **User** (class)– Contains fields related to the Users like, user name (uname) and user id (uid)
  + **Book** (class)- Contains fields related to the books like, books name (bname), book id (bid) and book cost (bcost)
  + **Shop** (class)- Contains fields related to shopping , whether user wants to add books into his/her cart or not. Shop id (sid) , shop name (sname) and shop cost (scost).
* **bs** (package)
  + **Main** (class)– It is the main class which consist main method and defines the architecture of the project.

**Important Methods**

* + **main** : it contains the main/first page of the project.
  + **user** : contains sub methods which defines the features provided for users.
    - **show\_books** – this method lists book details those are available at store.
    - **shop** – this method contains sub methods which help user to do shopping from the online store.
      * **add\_cart** : this method add books to user’s wishlist cart from the store.
      * **show\_cart** : this method displays user’s wishlist cart.
      * **remove\_cart** : this method remove books from user’s wishlist cart.
    - **search** – this method helps user to check whether a book is available at store or not. This method also displays details about the searched book if it is available at store.
    - **exit** – this method helps user to leave the online store.
  + **admin** – this method contains reserved features that only an admininstrator can use. Admin method allows access only when right admin name , id and password are entered. It consist many sub methods like
    - **remove\_user** : this method allows admin to remove user from the store.
    - **show\_users** : this method shows user list who visited store.
    - **show\_books** : this method shows books list available at store.
    - **add\_book** : this method add books at store.
    - **remove\_book** : this method removes books from the store.
    - **search** : this method searches book from the books list.