



# ASSIGNMENT

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**SECTION: AM**

**ASSIGNMENT: 01**

# Assignment 1

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## Functional Requirements:

- † View product details.
- † Manage bookshelf and shopping cart.
- † Save selected products onto a bookshelf.
- † Delete selected products from the bookshelf.
- † Create own categories for the saved items on the bookshelf in order to be able to maintain certain products together.
- † Define and save attributes for own categories.
- † Browse/search among own categories.
- † Delete own categories.
- † Add item(s) to own categories.
- † Delete item(s) from own categories.
- † Move item(s)/item group(s) to shopping cart
- † Remove item(s) from shopping cart
- † Move item(s) to bookshelf from shopping cart.
- † Put selected item(s) directly into the shopping cart.
- † Save the shopping cart.
- † Place an order based on the content of the shopping cart.
- † Finalize order.
- † Cancel order.
- † Get email notification about the order (with certain details).
- † Save/Record new products into the system.
- † Remove products from the system.
- † Modify products (product attributes).
- † Import products.
- † Export products.
- † Manage orders.
- † Update order status
- † Moderate forums
- † Manage rules for special offers.
- † Set categories on handling special customers. (Gold customer, diamond customer, etc.) † Modify categories on handling special customer † Set special customer discounts.
- † Modify special customer discounts.
- † Search by the most common attributes of a product (simple search).
- † Search by specific attributes of a product (advanced search).
- † Refine search result. Filtering the result items.
- † Set special action offers (for product categories).
- † Modify special action offers.

## Non-Functional Requirements

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- Performance
- Communication Interface
- Data Recovery and Backup
- Storage
- Scalability
- Usability
- Reliability
- Security
- Availability

- Hardware Specification'
- Provide feedback about the products and/or the ordering process.
- Process feedbacks.
- The system should send an email notification before placing an automatic order. Customer can finalize or cancel it.
- Compose/Send newsletters.

## **Domain Requirements**

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- ✦ Database
- ✦ Security
- ✦ Track order status.
- ✦ Copyright
- ✦ User Interface
- ✦ Integration of Delivery service companies with bookstore for exchange of data

## **Inverse Requirements**

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- User Interface should not be too much colourful
- Multiple Session on one device is restricted
- User Feedback
- Validation of data entry
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## **Suggest design and implementation constraints for the project:**

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- Teams will only work on project for 8 hours a day.
- Application must support older smart devices with older firmware's and have cross compatibility with each other
- Application should be implemented using cross platform language like C-Sharp or python. ○ Application should be developed by using Microsoft Visual Studio ,(C-sharp) or Ninja-IDC (python). ○ Application should run on all platforms like Windows, IOS and Android.
- Application should proper work on web.

