

University of the Armed Forces

“ ESPE”

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Subject: Advanced Web Programming

Group # 4

Minimarket (“Star Minimarket”) Online Sales and Delivery Management System- Backlogs

Feature 0: Core CRUD & User Management

Req. ID	Grouped Requirement Description	Roles Involved	Type	
RF-C.1, RF-C.2, RF-C.3	Secure Registration and Authentication (Login) for Customers .	Customer	Functional (User CRUD)	
RF-A.1	Login	Admin Login and Management of User Accounts.	Administrator	Functional (User CRUD)
RF-A.2, RF-D.1	Management (CRUD) of Products (Add, Edit, Remove, Update Stock, Mark "Out of Stock").	Administrator	Functional (Product CRUD)	

Feature 1: Online Sales & Catalog

Req. ID	Grouped Requirement Description	Roles Involved	Type
RF-C.4	Product Catalog Browsing and Display (including images, description, price, stock).	Customer	Functional (Display)
RF-C.5	Search and Filter System (by name, category, price, discount/popular).	Customer	Functional (Search)
RF-C.6	Shopping Cart Management (Add items, Update quantities).	Customer	Functional (Process)
RF-C.7	Online Ordering and Intuitive Checkout.	Customer	Functional (Process)
RF-C.8	Payment Processing Integration (Credit/Debit card, Cash-on-Delivery).	Customer	Functional (Integration)
RF-A.3	Promotions and Discounts Module (Creation and Management of campaigns).	Administrator	Functional (Management)

Feature 2: Order & Delivery Management

Req. ID	Grouped Requirement Description	Roles Involved	Type
RF-A.4, RF-D.2	Order Tracking through clear statuses (Pending, Processing, Out for Delivery, Completed).	Administrator , Delivery Personnel	Functional (Process/Update)

Req. ID	Grouped Requirement Description	Roles Involved	Type
RF-C.9	Customer Order History and Status Viewing.	Customer	Functional (Tracking)
RF-A.5	Real-time Stock Alerts for low-running items.	Administrator	Functional (Alerts)

Feature 3: Reporting & Analytics

Req. ID	Grouped Requirement Description	Roles Involved	Type
RF-A.6	Sales and Performance Dashboard (Visual summaries of total sales, best-selling products, active orders, stock stats).	Administrator	Functional (Reporting)
RF-A.7	Generation of Sales and Inventory Reports/Metrics (e.g., Total Sales, Stock Turnover Rate, Average Order Value).	Administrator	Functional (Reporting)