

ABCRetails/

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- | |— CustomerController.cs
- | |— ProductController.cs
- | |— OrderController.cs
- | |— UploadController.cs

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- | |— Product.cs
- | |— Order.cs
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|—

Detailed Outline ABCRetails/

— Controllers/

| — HomeController.cs

- | • Index (dashboard with stats and featured products)
- | • Privacy (privacy policy page)
- | • Error (error handling)

| — CustomerController.cs

- | • Index (list all customers)
- | • Create (GET/POST - add new customer)
- | • Edit (GET/POST - update customer details)
- | • Delete (POST - remove customer)

| — ProductController.cs

- | • Index (list all products with images)
- | • Create (GET/POST - add new product with image upload)
- | • Edit (GET/POST - update product with image upload)
- | • Delete (POST - remove product)

| — OrderController.cs

- | • Index (list all orders with status)
- | • Create (GET/POST - create order with dropdowns)
- | • Edit (GET/POST - update order status)
- | • Details (GET - view order details)
- | • Delete (POST - remove order)
- | • GetProductPrice (AJAX - real-time pricing)

└─ UploadController.cs

- Index (GET/POST - file upload for payment proofs)

└─ Models/

└─ Customer.cs

- **Properties:** CustomerId, Name, Surname, Username, Email, ShippingAddress
- **Implements:** ITableEntity for Azure Tables

└─ Product.cs

- **Properties:** ProductId, ProductName, Description, Price, StockAvailable, ImageUrl
- **Implements:** ITableEntity for Azure Tables

└─ Order.cs

- **Properties:** OrderId, CustomerId, Username, ProductId, ProductName, OrderDate, Quantity, UnitPrice, TotalPrice, Status
- **Implements:** ITableEntity for Azure Tables

└─ FileUploadModel.cs

- **Properties:** ProofOfPayment, OrderId, CustomerName
- For file upload functionality

└─ ViewModels/

└─ HomeViewModel.cs

- **Properties:** FeaturedProducts, CustomerCount, ProductCount, OrderCount
- For homepage dashboard

└─ OrderCreateViewModel.cs

- **Properties:** CustomerId, ProductId, Quantity, OrderDate, Status, Customers, Products
- For order creation with dropdowns

Services/

IAzureStorageService.cs

- Interface defining all Azure Storage operations
- Table operations (CRUD)
- Blob operations (image/file upload)
- Queue operations (messaging)
- File Share operations (contracts)

AzureStorageService.cs

- Complete implementation of IAzureStorageService
- Auto-creates all Azure Storage resources
- Handles Tables, Blobs, Queues, File Shares

Views/

Shared/

_Layout.cshtml

- Main layout with navigation
- Bootstrap styling, Font Awesome icons
- Alert message handling

Home/

Index.cshtml

- Welcome section with navigation buttons
- Featured products display (5 products)
- Dashboard statistics

Privacy.cshtml

| | • Privacy policy page

| |

| |— **Customer/**

| | |— **Index.cshtml**

| | | • List all customers in table format

| | | • Add New Customer button

| | | • Edit/Delete actions with confirmation modal

| | |

| | |— **Create.cshtml**

| | | • Form to add new customer

| | | • Fields: Name, Surname, Username, Email, Shipping Address

| | | • Client-side validation

| | |

| | |— **Edit.cshtml**

| | | • Form to update customer details

| | | • Pre-populated fields

| | | • Update/Cancel buttons

| |

| |— **Product/**

| | |— **Index.cshtml**

| | | • List all products with images in table

| | | • Stock level indicators (color-coded badges)

| | | • Add New Product button

| | | • Edit/Delete actions with confirmation

| | |

| | |— **Create.cshtml**

| | | • Form to add new product

| | | • Fields: ProductName, Description, Price, Stock, Image upload

		• File upload for product images
		└─ Edit.cshtml
		• Form to update product
		• Shows current image, option to upload new
		• All product fields editable
		└─ Order/
		└─ Index.cshtml
		• List all orders in table format
		• Status badges (Pending, Processing, Completed, Cancelled)
		• Add Order button
		• Details/Edit/Delete actions
		└─ Create.cshtml
		• Customer dropdown selection
		• Product dropdown selection
		• Quantity input with stock validation
		• Auto-calculated total price
		• Order summary sidebar
		• Real-time price/stock checking
		└─ Edit.cshtml
		• Update order status
		• View order details (readonly customer/product)
		• Order summary information
		└─ Details.cshtml

		• Complete order information display
		• Pricing breakdown
		• System information (timestamps, IDs)
		└─ Upload/
		└─ Index.cshtml
		• File upload form for payment proofs
		• File type validation
		• Optional Order ID and Customer Name fields
		• Upload instructions and guidelines
		└─ appsettings.json
		• Azure Storage connection string
		• Logging configuration
		└─ Program.cs
		• Application startup configuration
		• Service registration (AzureStorageService)
		• MVC pipeline setup