1. Database

-Customers table

TABLE customers (

[CustomerID] VARCHAR (50) NOT NULL,

[FirstName] VARCHAR (50) NOT NULL,

[LastName] VARCHAR (50) NOT NULL,

[Email] VARCHAR (50) NOT NULL,

[PhoneNumber] VARCHAR (50) NULL,

[CategoryID] NCHAR (10) NULL,

[Questions] VARCHAR (MAX) NOT NULL,

[Answers] VARCHAR (MAX) NULL,

[ProductID] INT NULL,

[DueDate] DATETIME NULL,

[Password] VARCHAR (50) NULL,

)

-Products table

TABLE products (

[ProductID] INT NOT NULL,

[Name] VARCHAR (50) NOT NULL,

[Description] VARCHAR (MAX) NOT NULL,

[Specification] VARCHAR (MAX) NOT NULL,

[CategoryID] NCHAR (10) NOT NULL,

[ImageFile] VARCHAR (50) NULL,

[Colour] VARCHAR (50) NOT NULL,

[Warranty] NCHAR (10) NOT NULL,

[UnitPrice] MONEY NOT NULL,

[OnHand] INT NULL,

)

-Categories table

TABLE categories (

[CategoryID] NCHAR (10) NOT NULL,

[CategoryName] NCHAR (10) NOT NULL,

)

1. Page outline

-Home

: introduction, attraction for users

-Product

: subpages for each category

: product detail information

-Shopping

: each product information for order

: connect to cart page

-Cart

: page for checkout

: connect to checkout page

-Admin :

: product maintenance

-Support

: customer survey page

: Q & A page

-Company

: contact info