The Database keeps track of two types of **Users : Seller and Buyer. A User** can belong to one of them. Each User has a email,phone number ,unıque id,date,password and name.**User** can choose **Notification Preference** which can be set for email,SMS or Phone. **Sellers** in the system can own and manage **Store**,where each **Store** has name **.Buyers** can give **Reviews**. Reviews can be made for products and sellers.**.**Each Review can have title ,rate, multiple image **.** The **Stores** can build a following of interested **buyers** who want to stay updated about their offerings. Products are organized into brands and categories to make navigation easier. Each **Product** includes details like price , name,description,stock,status and whether it's designated as a best seller. The system supports special promotions through **discounts,** tracking details like discount amounts, types, valid dates, and any purchase conditions that apply. Also Each **Product** has **Review**.

Each **Buyer** has cart and **Buyers** can add items to their **shopping cart.** Each **cart item** tracks the selected quantity and price. When card is ready to purchase, **buyers** can create **orders** that compile all their selected cart items.Every **Order** can contain many **Product**. Each **Buyer** has a history that includes the **products** they have viewed. Every **Buyer** can have favorite **products** and The system keeps a detailed **history of each order's payment** and shipping status. There are also **discounts** specific to the **cart**. For delivery purposes, **buyers** can save multiple shipping details. For shipping details, it can be a home address or a "Trendyol Tıkla Gelsin" system, where customers pick up their orders from designated locations. An order can have multiple shipment options.**.** Each **shipment** tracks status and important dates including when it was sent, when it's expected to arrive, and when it actually arrived at its destination.Every **Shipment** shipped by **Carriers**.**Carriers** have contact number and name on system. The payment system allows buyers to save different **payment methods**, including credit cards, debit cards, and digital wallets.