

## **Relations**

User	<ul style="list-style-type: none"><li>• user_id (PK)</li><li>• Fname</li><li>• Lname</li><li>• Email</li><li>• Hash_Password</li><li>• salt</li><li>• Reg_date</li><li>• Last_login</li></ul>
ApiKey	<ul style="list-style-type: none"><li>• Api_key (PK)</li><li>• User_ID (FK)</li><li>• Created_ay</li><li>• Last_used</li></ul>
Product	<ul style="list-style-type: none"><li>• Product_ID (PK)</li><li>• Category_ID (FK)</li><li>• Brand_ID (FK)</li><li>• Title</li><li>• Description</li><li>• Image_url</li><li>• Availability</li></ul>
WishList	<ul style="list-style-type: none"><li>• user_id (FK)</li><li>• Product_ID (FK)</li><li>• Added_at</li></ul>
ProductImage (Weak Entity)	<ul style="list-style-type: none"><li>• Image_id (PK)</li><li>• Product_ID (FK)</li><li>• Image_Url</li></ul>
Category	<ul style="list-style-type: none"><li>• Category_ID (PK)</li><li>• name</li></ul>
Brand	<ul style="list-style-type: none"><li>• Brand_ID (PK)</li><li>• name</li></ul>
Retailer	<ul style="list-style-type: none"><li>• Retailer_ID (PK)</li><li>• Name</li></ul>
Price	<ul style="list-style-type: none"><li>• Price_ID (PK)</li><li>• Product_ID (FK)</li><li>• Retailer_ID (FK)</li><li>• Price</li></ul>
Reviews	<ul style="list-style-type: none"><li>• Review_ID (PK)</li><li>• Product_ID (FK)</li><li>• User_ID (FK)</li><li>• Text</li><li>• Rating</li><li>• Review_Date</li></ul>

## **Relationships**

User → APIKey [one-to-many]

User → Review [one-to-many]

Category → Product [one-to-many]

Brand → Product [one-to-many]

Product → ProductImage [one-to-many]

Product → Retailer [Many-to-Many]

Product → Review [one-to-many]

User → Wishlist [one-to-many]

Product → Wishlist [one-to-many]