Step 1: Strong Attributes

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<u>User ID</u>	First_name	Last_name	Username	Email	Hashed_Password	
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Review

Review ID F	Rating Retailer_ID	Product_ID	Comment	User_ID	
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Retailer

Retailer_ID	Name	Website	Logo_URL

Product

Product_ID	Brand_ID	Category_ID	Name	Description	Specifications	
		l			l	1

Images

Image_ID Product_ID Image_URL Caption

Category

<u>Category_ID</u>	Name	Parent_Category
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Brand

Brand ID	Name
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Privileges

<u>Privilege ID</u>	Privilege_Name	Description
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Salt	Date_created	Apikey	Туре
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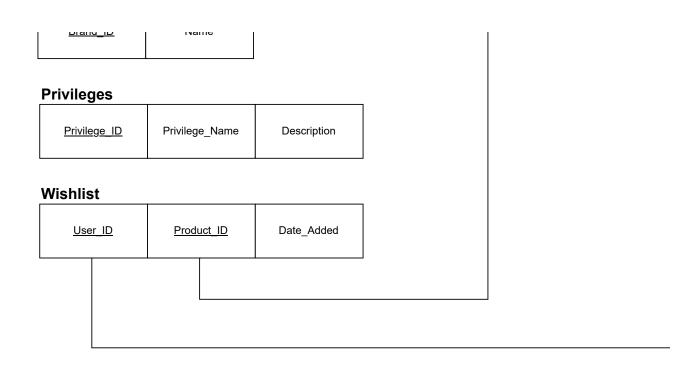
Review_Date

Step 2: Weak Attribute: Wishlist

User					
<u>User_ID</u>	First_name	Last_name	Username	Email	Hashed_Passwor
<u> </u>					
Review					
Review_ID	Rating	Retailer_ID	Product_ID	Comment	User_ID
Retailer				1	
<u>Retailer_ID</u>	Name	Website	Logo_URL		
Product					
Product_ID	Brand_ID	Category_ID	Name	Description	Specifications
^					<u> </u>
Images				,	
<u>Image_ID</u>	Product_ID	Image_URL	Caption		
Category	1	1	1		
<u>Category_ID</u>	Name	Parent_Category			
Brand			_		
Brand ID	Name				

rd	Salt	Date_created	Apikey	Туре

Review_Date



Step 3: 1-to-1 relationships: User-Wishlist

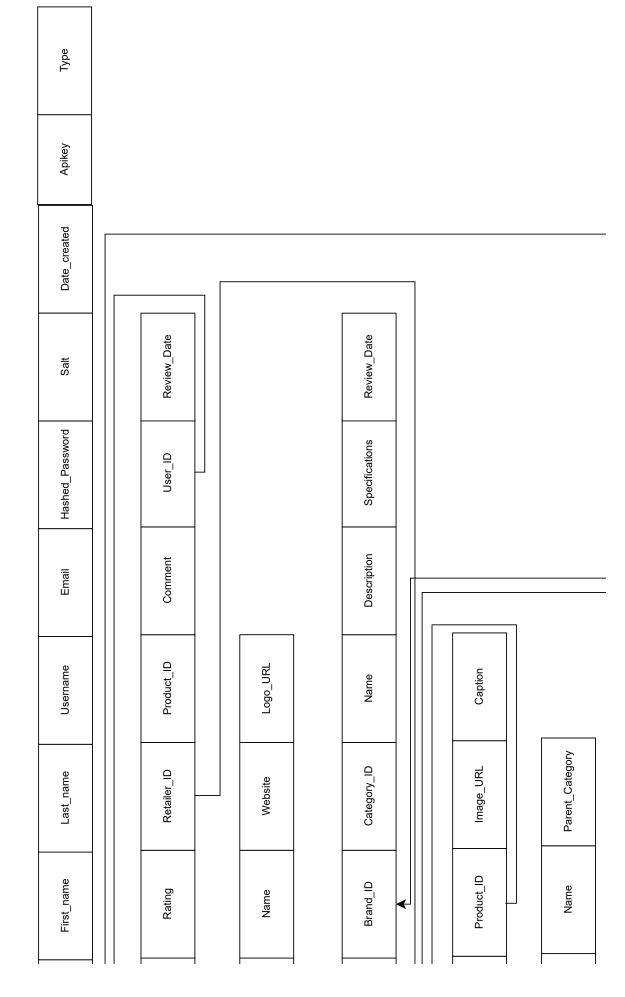
User User_ID First_name Last_name Username Email Hashed_Passw **Review** Retailer_ID $Product_ID$ User_ID Review_ID Rating Comment Retailer Retailer_ID Name Website Logo_URL

vord	Salt	Date_created	Apikey	Туре
I				

Product Brand_ID Product_ID Category_ID Description Name Specification **Images** Product_ID Image_URL Caption Image_ID Category Parent_Category Category_ID Name **Brand** Brand_ID Name **Privileges** Privilege_ID Privilege_Name Description Wishlist User_ID Product_ID Date_Added

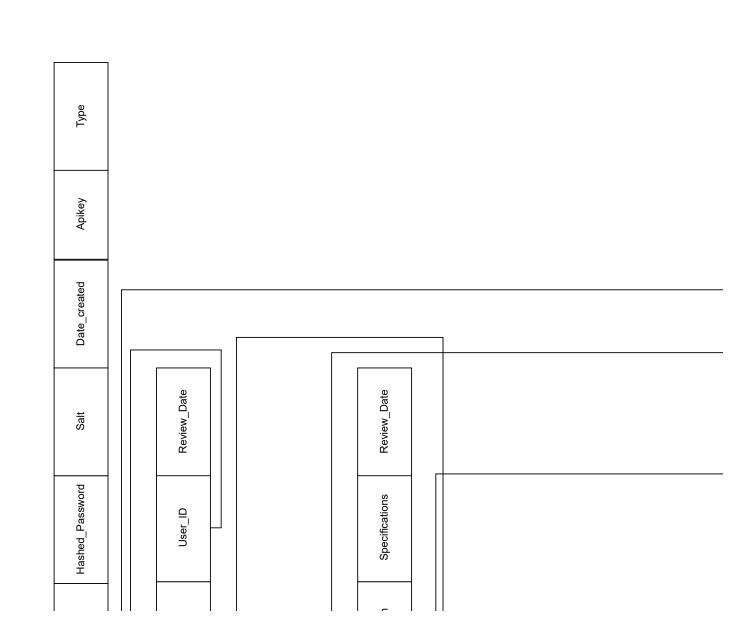
ns

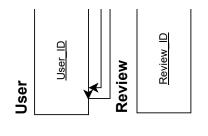
Step 4: 1-to-N relationships: User-Review, Product-Review, Product-Images, Product-Brand and Admin-Privilleges



Name	Privilege_Name Description		Product ID Date_Added

shlist and Product-Retailer











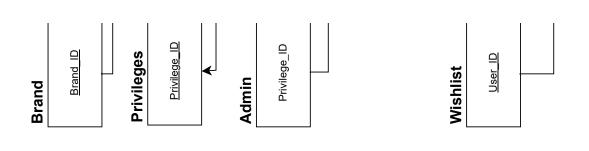


mage ID

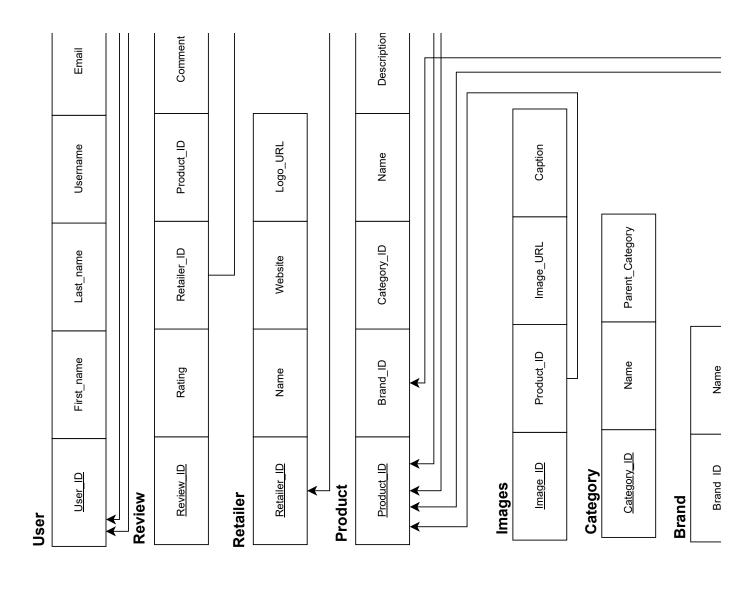
Images



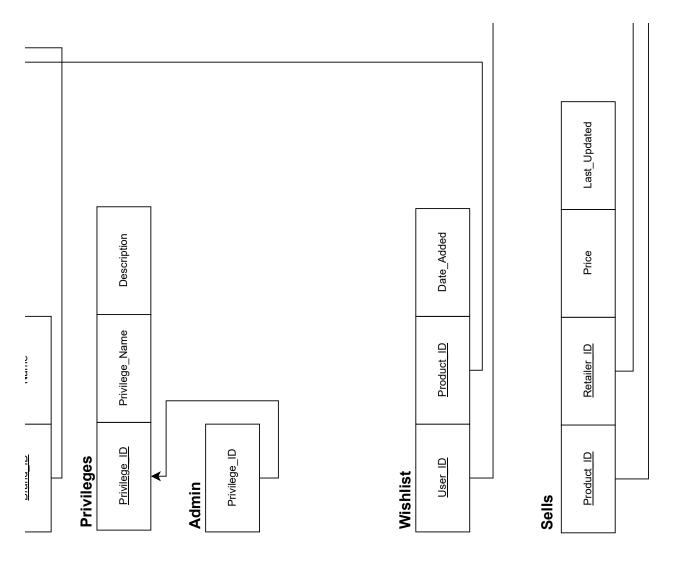
Category_ID Category



Step 5: M-to-N relationships: Product-Wis



Type



Step 8: Mapping specialisation and generalisation: Customer and Admin

