DBMS Project

GROUP MEMBERS (4)

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TOPIC

Local Online Classifieds

PROBLEM DESCRIPTION

The objective of this project is to build a web application for an online classifieds where sellers can register and advertise their products along with their contact details.

Customers can then choose from a variety of products displayed on this site and contact the seller. After a product is purchased, the seller can take down the product.

In this application, users start by registering themselves. After having done so, they can choose to advertise their products from a category list provided. This advertisement will subsequently be posted for a buyer to view. In case a buyer is interested, he/she can contact the seller by the phone no. provided or use the in-built messaging system. After the product is sold, the seller can choose to remove the ad from the website.
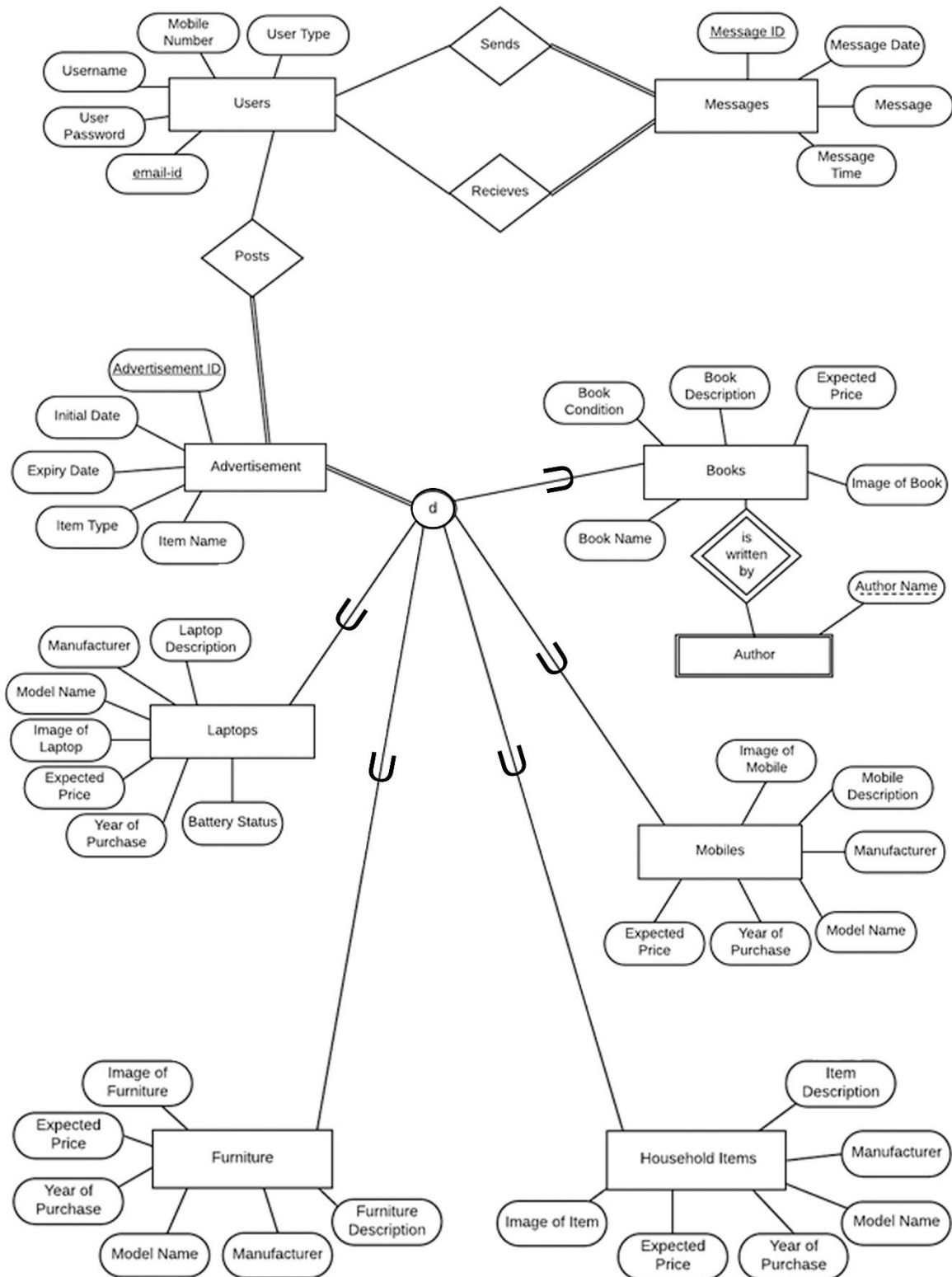
ASSUMPTIONS

- User can only advertise products which come under the given categories.

REFERENCES

Fundamentals of Database Systems by Elmasri Navathe

Enhanced Entity Relation Diagram

Relational Model

USER

Email-id	User_name	Mob_number	User_type	User_password

Messages

Message-ID	Message-date	Message	Message-time	Sender-id	Receive-id

ADVERTISEMENT

Advertisement-ID	Initial-date	Expiry-date	Item-type	Item-name	Buyer-id	Owner-id

Books

Prod-id	book-name	Book-condition	Book-description	Price	Image Path

Laptop

Prod-id	Model-name	Manufacturer	Laptop description	Year Of Purchase	Expected Price	Battery Status	Image path

Mobile

Prod-id	Model-name	Manufacturer	Mobile description	Year Of Purchase	Expected Price	Image path

Household

Prod-id	Model-name	Manufacturer	Item description	Year Of Purchase	Expected Price	Image path

Furniture

Prod-id	Model-name	Manufacturer	Furniture description	Year Of Purchase	Expected Price	Image path

Author

Prod-id	Author-name