

CSE216: Database Sessional

Entity Relationship Diagram Presentation



Presented by:

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Bikroy.com Management System

• There are multiple users in Bikroy.com. An user is identified by:

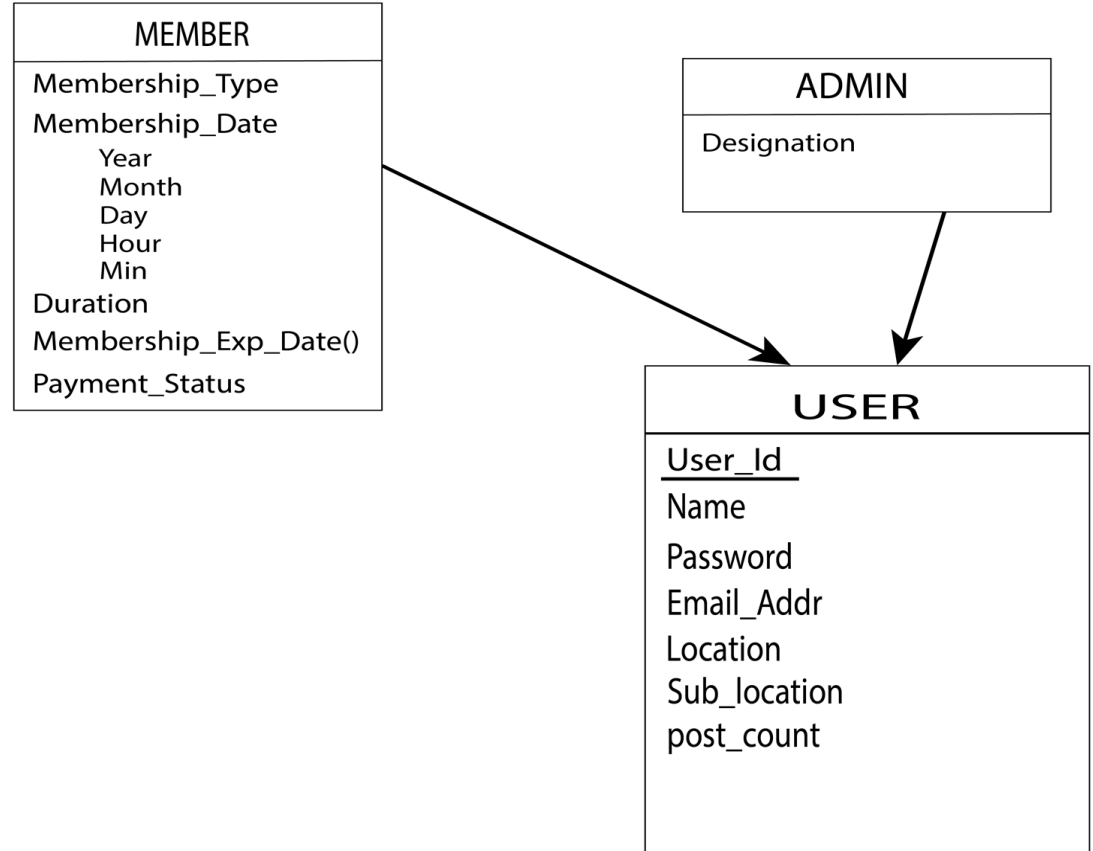
- User name
- E-mail address
- Location (where they live or may be the place from they can buy or sell the product)
- Sub-location (to be more specific about the location)
- One unique password

USER
<u>User_Id</u>
Name
Password
Email_Addr
Location
Sub_location
post_count

Bikroy.com Management System

•Some of the users can register themselves as **members** to get extra facilities. There are some membership type depending on which each member will have a membership duration, after which their membership will expire. They will also have a payment status (due or paid).

•There is also another special kind of users, the **admins**, identified by their designation. They review the ad posts and reports.



Bikroy.com Management System

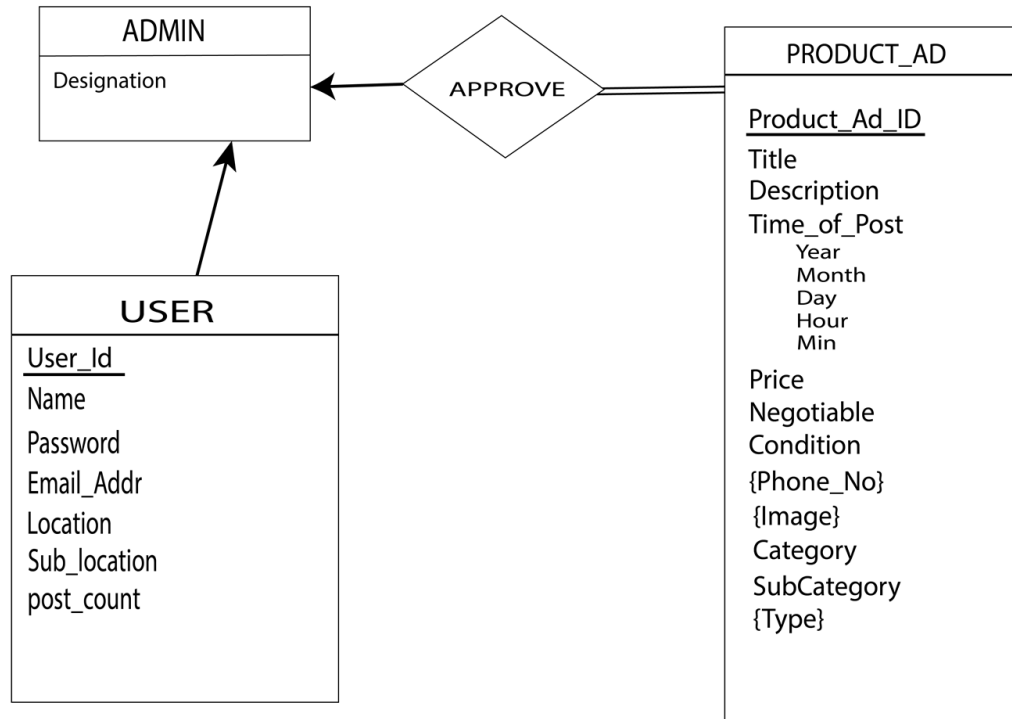
Each user can post multiple ads. Each ad post has the following information:

- Title of the product
- A short description of the product
- Time of post
 - Year
 - Month
 - Day
 - Hour
 - Min
- Price
- Negotiable or not
- Condition of the product (used or new)
- Contact number of the seller. The seller can add multiple contact numbers.
- Images of the product.
- Category. Is chosen form the given list of categories.
- Subcategory. Is chosen form the given list of subcategories.
- Deal_Type: Bikroy.com provides some offers to promote the ad e.g top ad, urgent, highlight or none . A post can have multiple types of promotional offers.

PRODUCT_AD
<u>Product_Ad_ID</u>
Title
Description
Time_of_Post
Year
Month
Day
Hour
Min
Price
Negotiable
Condition
{Phone_No}
{Image}
Category
SubCategory
{Type}

Bikroy.com Management System

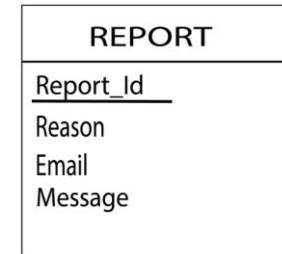
•The ads posted by the users are reviewed by the admins and are approved or removed. An ad post appears on the ad list of the website if it gets admin approval.



Bikroy.com Management System

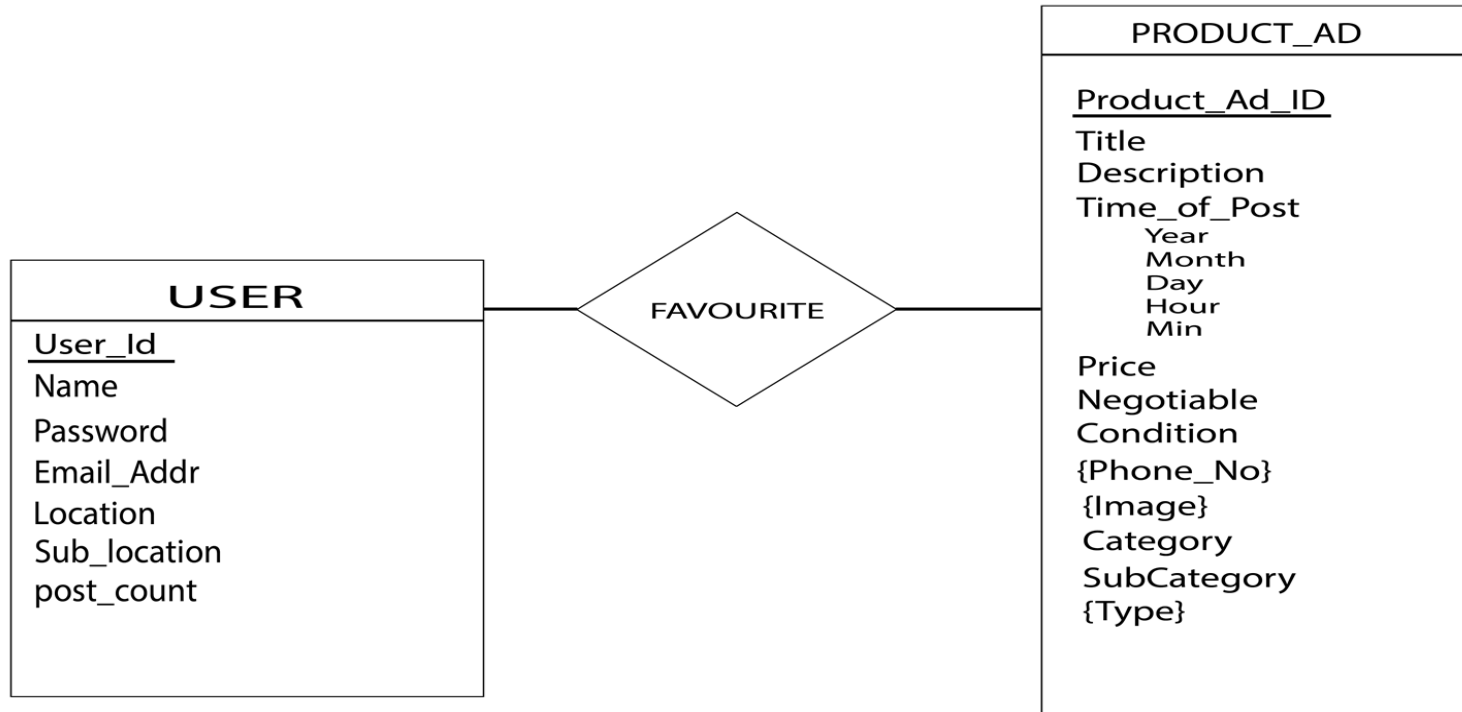
•Admins also review the ad post reported by the people (users or non-users) viewing the website. A report includes

- the reason of reporting
- a message and
- the e-mail address of the reporter.



Bikroy.com Management System

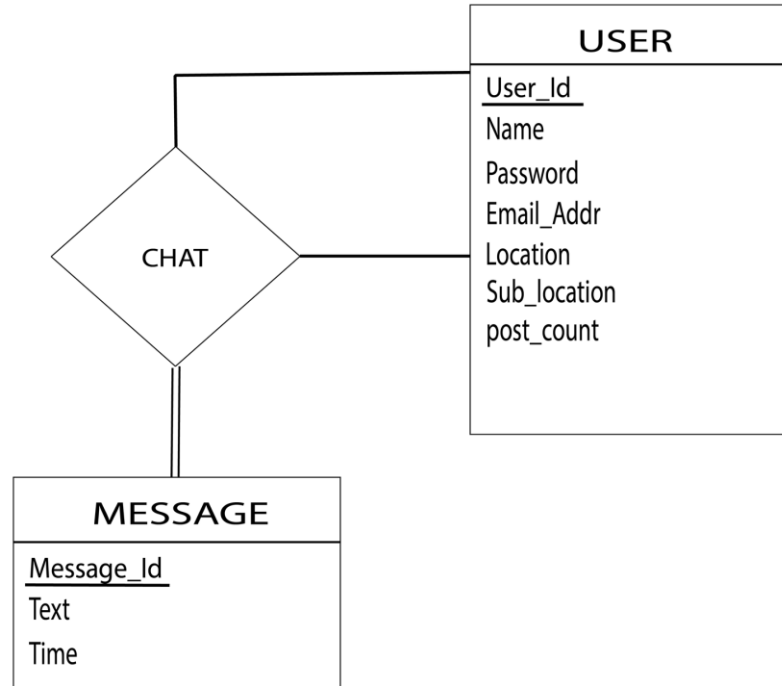
- An user can add ads to their list of favorites



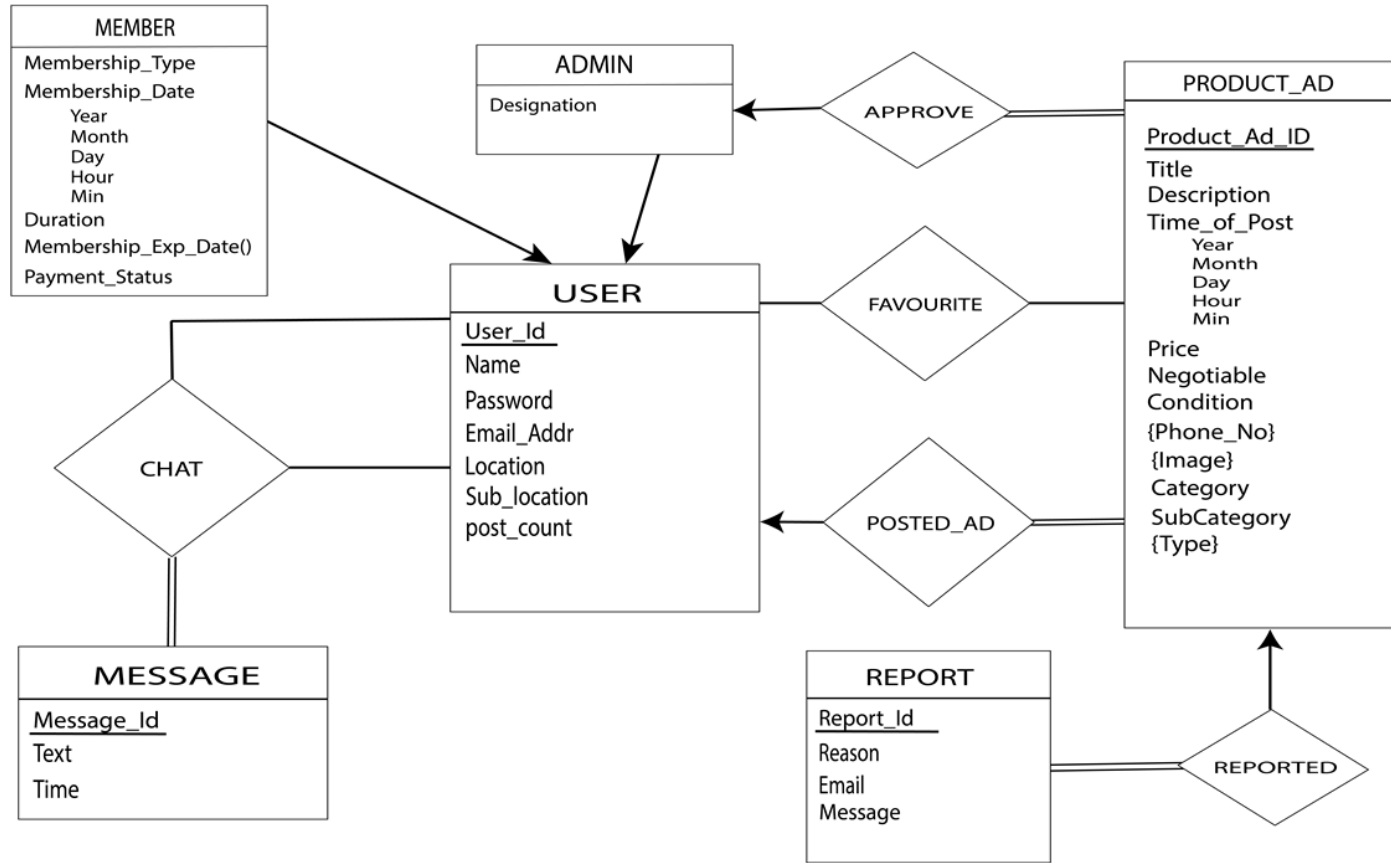
Bikroy.com Management System

•If an user is interested to buy any product, s/he can contact the seller by means of the provided contact number or they can use the chat option of the platform.

•I.e the users (buyer and seller) can message each other discuss about the deal. The text of the message and time when it was sent is stored.



Entity Relationship Diagram



The End

