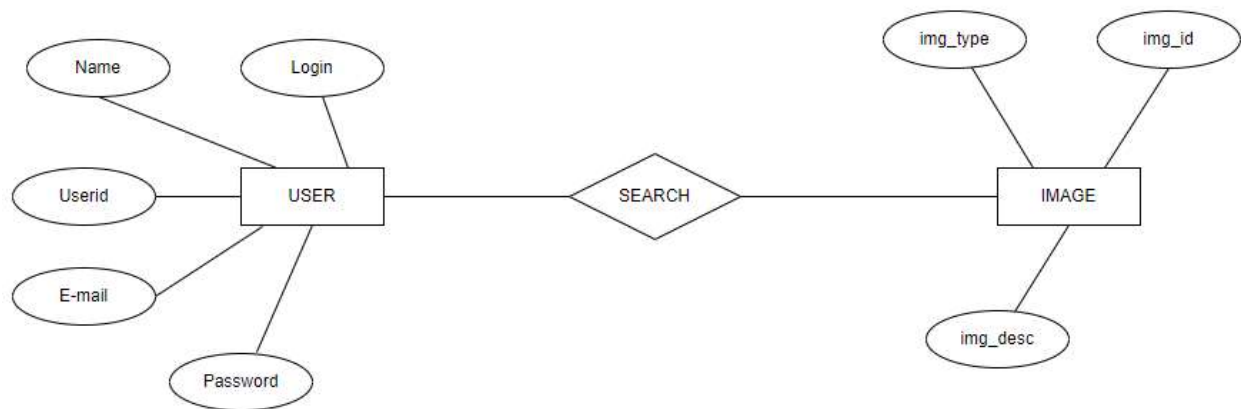**Experiment 3:** List out the entities and identify the relationship between them. Also, identify related attributes supposed to be recorded while considering the normalization rule.

1. **Search Bar**:
   - The input field where users enter their search queries, which can be keywords, tags, or visual descriptors.
2. **Search Results**:
   - A grid or list of images that match the user's search query.
   - Each result includes a thumbnail, image title, and possibly additional information.
3. **Image Details Page**:
   - Displays a larger view of a selected image along with more information.
   - Additional details may include image metadata, the source or author, and related tags.
4. **Filters and Sorting**:
   - Options to refine search results, such as filtering by image type (e.g., photos, illustrations), date, size, or color.
5. **Search Suggestions**:
   - Auto-suggestions that appear as users type in the search bar to help them refine their query.
6. **Advanced Search**:
   - Allows users to perform more complex searches, such as specifying image dimensions or file types.

7. **User Accounts and Profiles**:
   - User registration and login for personalized features.
   - User profiles with saved searches and favorite images.

8. **Image Metadata**:
   - Information associated with each image, such as file format, size, resolution, and creation date.

9. **Image Licensing Information**:
   - Indicates the licensing and usage rights associated with each image (e.g., public domain, copyrighted).

10. **Image Download and Sharing**:
    - Options to download images and share them on social media or via links.

11. **Image Preview**:
    - Hover or click interactions that display a larger preview of an image without navigating to the details page.

12. **Language and Region Settings**:
    - Allows users to set their preferred language and region for search results.

13. **Safe Search and Content Filtering**:
    - Tools to filter out explicit or sensitive content from search results.

14. **History and Recent Searches**:
    - Keeps a record of a user's recent search queries for quick access.

15. **Settings and Preferences**:
    - Allows users to customize their search experience, including default filters and display options.

16. **API Integration**:
    - Integration with external APIs for accessing and retrieving image data.

17. **Feedback and Reporting**:
    - Mechanisms for users to report inappropriate content or provide feedback on search results.