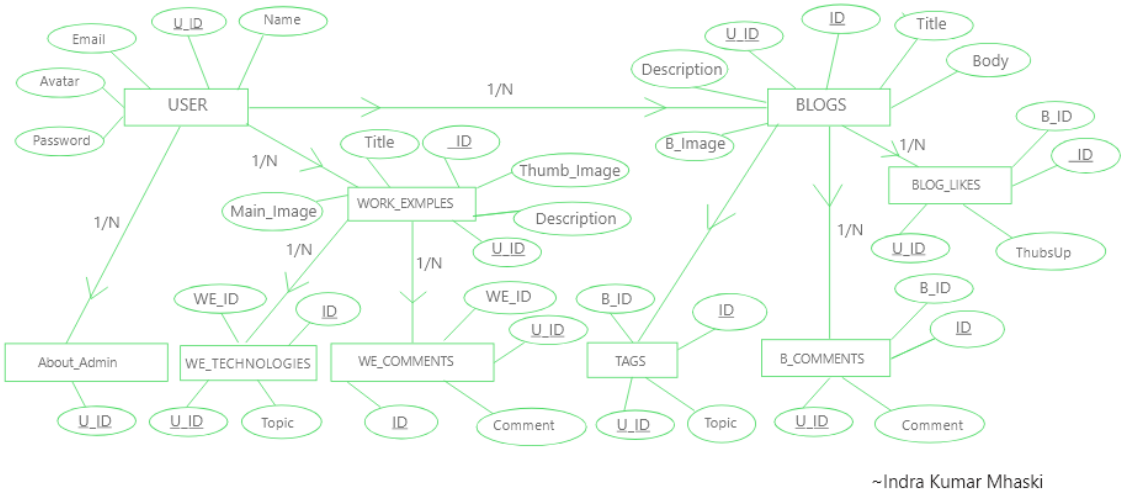
Indra Portfolio ER Diagram

Description: Here we are presenting the detailed ER diagram of our project.



Let us discuss each entity and its attribute in detail:

- **User:** User is a primary entity of our application basically there will be two types of users first is the admin whose portfolio is going to be created(in this case me) other users will be visitors who are going to visit our application, it means we have following two cases:
    1. When a user is an admin: In this case, the user will have all the administrative powers. for example, he will be able to delete any comment on his work example and blogs, he will also be able to post new blogs and work examples on site.
    2. When a user is a normal visitor: In this case, the user should only be able to view all the content of the application and make comment on blogs and work examples.

    In both the cases a user will have the following attributes:

    i. Name: String.
    ii. Id: Integer.
    iii. Email: String.
    iv. Encrypted_password: String.
    v. Avatar: String.

- **Blogs:** If a user is an admin then he can have n number of blogs and that blog can have n number of comments and likes on that particular blog but for now we are discussing what attributes a blog should have? The answer is following attributes a blog should have:
    i. Title: String.
    ii. Description: Text.
    iii. Body: Text.
    iv. Id: Integer.
    v. Blog _Image: String.
    vi. Topics: String.
- **Blog_Comments:** This table of the database is going to be used for storing the comments of blogs, in order to accomplish this goal the table should have the following attributes:
    i. Blog_Id: Integer.
    ii. User_Id: Integer.
    iii. Id: Integer.
    iv. Body: Text.
- **Blog_Likes:** This table will contain the likes on a particular blog, it will have the following attributes:
    i. Blog_Id: Integer.
    ii. User_Id: Integer.
    iii. Id: Integer.
    iv. Thums_Up: Integer
- **Work_Examples:** This table will contain the work examples of an admin and will have the following columns:
    i. Thumb_Image: String.
    ii. Main_Image: String.
    iii. Id: Integer.
    iv. User_Id: Integer.
    v. Title: String.
    vi. Description: Text.
- **Work_Example_Technologies:** This table of database belongs to Work_Examples table and it will contain following attributes:
    i. Id: Integer.
    ii. Work_Example_Id: Integer.
    iii. User_Id: Integer.
    iv. Topic.
- **Work_Example_Comments:** In this table, we will store the comments of users on author's work examples, this table will have the following attributes:

i. Id: Integer.
ii. Work_Example_Id: Integer.
iii. User_Id: Integer.
iv. Comment: Text.

- **About_Admin:** This table is going to be used for storing data of the admin which can change frequently for example ‘about’, ‘education’ etc. This table will have the following attributes:
    i. Id: Integer.
    ii. User_Id: Integer.
    iii. About: Text.
    iv. Education: Text.

NOTE: The attribute’s data type are not given in standard SQL’s data types, rather than they are Ruby On Rails data types.

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