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**CRC Diagram:**

<b>Class Name:</b> User	<b>ID:</b> 1	<b>Type:</b> Concrete, Domain
<b>Description:</b> A registered user who interacts with the platform by posting, liking, commenting on, and sharing recipes. Users can also customize their profile.		<b>Associated Use Cases:</b> 4
<b>Responsibilities</b> <ul style="list-style-type: none"><li>• Post recipes with ingredients, steps, and images.</li><li>• Like recipes posted by others.</li><li>• Comment on recipes to provide feedback.</li><li>• Customize their profile with a bio, profile picture, and social media links.</li><li>• Share recipes with others to promote visibility.</li></ul>		<b>Collaborators</b> <ul style="list-style-type: none"><li>• Recipe</li><li>• Comment</li><li>• Like</li></ul>

**Attributes**

- User ID: Unique identifier for the user (integer).
- Username: Username chosen by the user (string).
- Email: Email address of the user (string).
- Profile Picture: User's profile image (URL or binary).
- Bio: Description of the user (string).

**Relationships:**

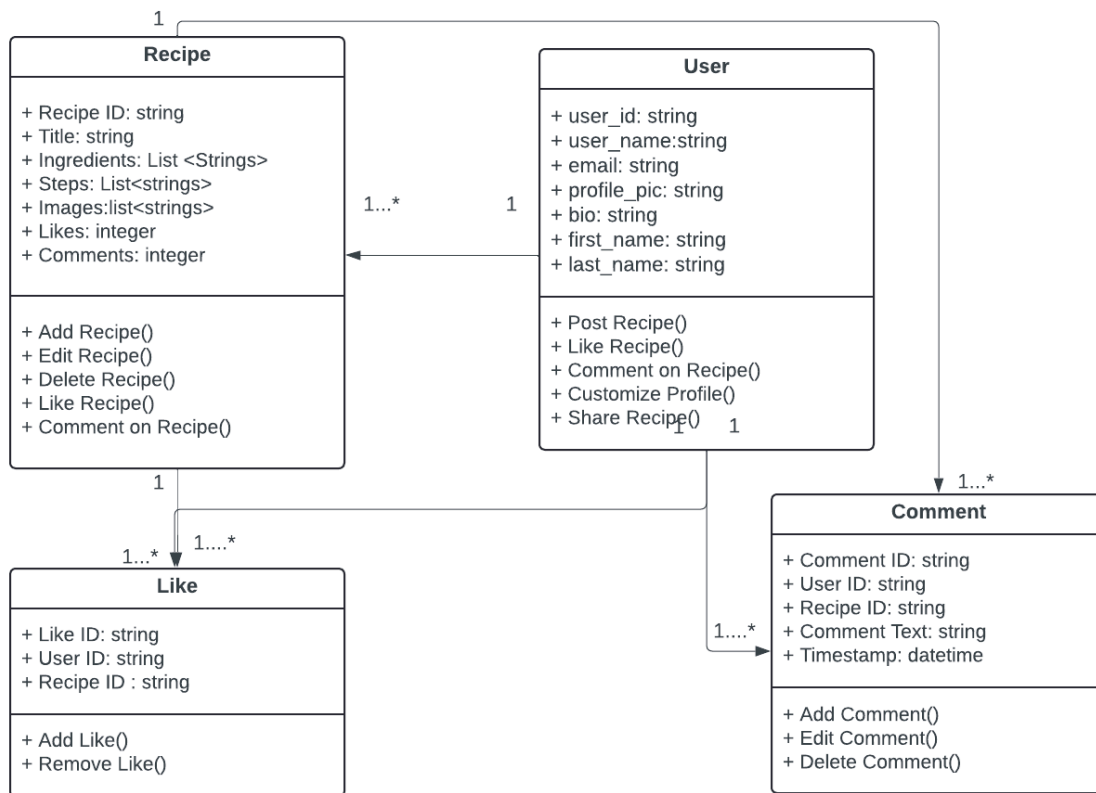
**Generalization (a-kind-of):**

- Person (User is a kind of Person)

**Other Associations:**

- **Recipe:** A User can post, like, and comment on Recipes (1-to-many).
- **Comment:** A User can write multiple comments (1-to-many).
- **Like:** A User can like multiple recipes (1-to-many).

**Class Diagram:**



## Object Diagram:

