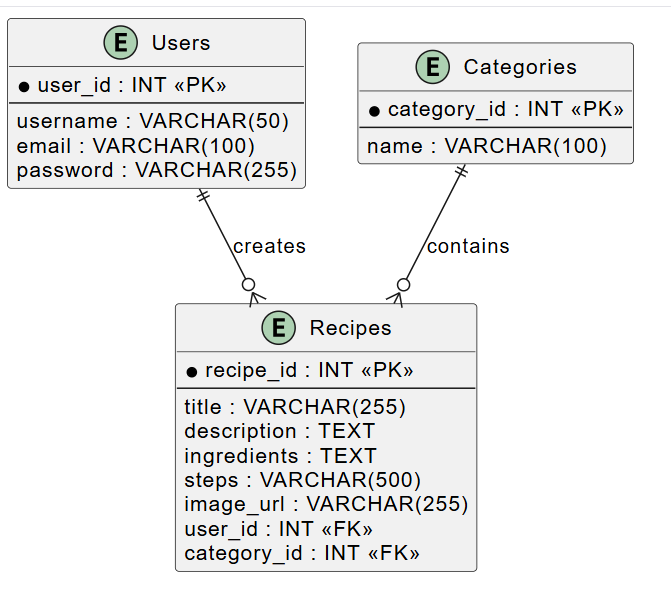
**Simplified ERD:**

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**We first focus on above three entities (database table). Once we able to achieve the basic structure, we can gradually upgrade to our project.**

**Hope the following description will be helpful for better understanding of above provided ERD.**

**Entities & Attributes:**

1. **Users** (user\_id as Primary Key)
   * Stores user details like username, email, and password.
   * A user **can create multiple recipes**.
2. **Recipes** (recipe\_id as Primary Key)
   * Stores recipe details (title, description, ingredients, steps, image\_url).
   * **Foreign Keys**:
     + user\_id: Links to **Users** (who created the recipe).
     + category\_id: Links to **Categories** (for classification).
3. **Categories** (category\_id as Primary Key)
   * Stores recipe categories (e.g., Vegetarian, Desserts).
   * A **category can have multiple recipes**, but each recipe belongs to **only one category**.

**Relationships:**

* **Users** ||--o{ **Recipes** → One **User** can create **many Recipes**.
* **Categories** ||--o{ **Recipes** → One **Category** contains **many Recipes**.