

System Design

Functional Requirements

User Authentication (Registration, Login, Password Reset)

Recipe Management (Posting, Editing, Deleting, Searching Recipes)

User Interaction (Likes, Comments, Notifications)

Content Visibility (Public Viewing of Recipes)

```
GET foods/get_food_items?food_name="abc"
response{
    Returns list<food_items>
}
```

```
GET food_recipe?recipe_id="abc"
response{
    food_recipe,
    recipe_rating
}
```

```
POST /v1/food_recipe # is used to create a food_recipe.
{
    "Recipe Title": "John Doe",
    "Description": "",
    "Ingredients" : list<strings>,
    "Directions":list<statements>
    "Prep time" :
}
```

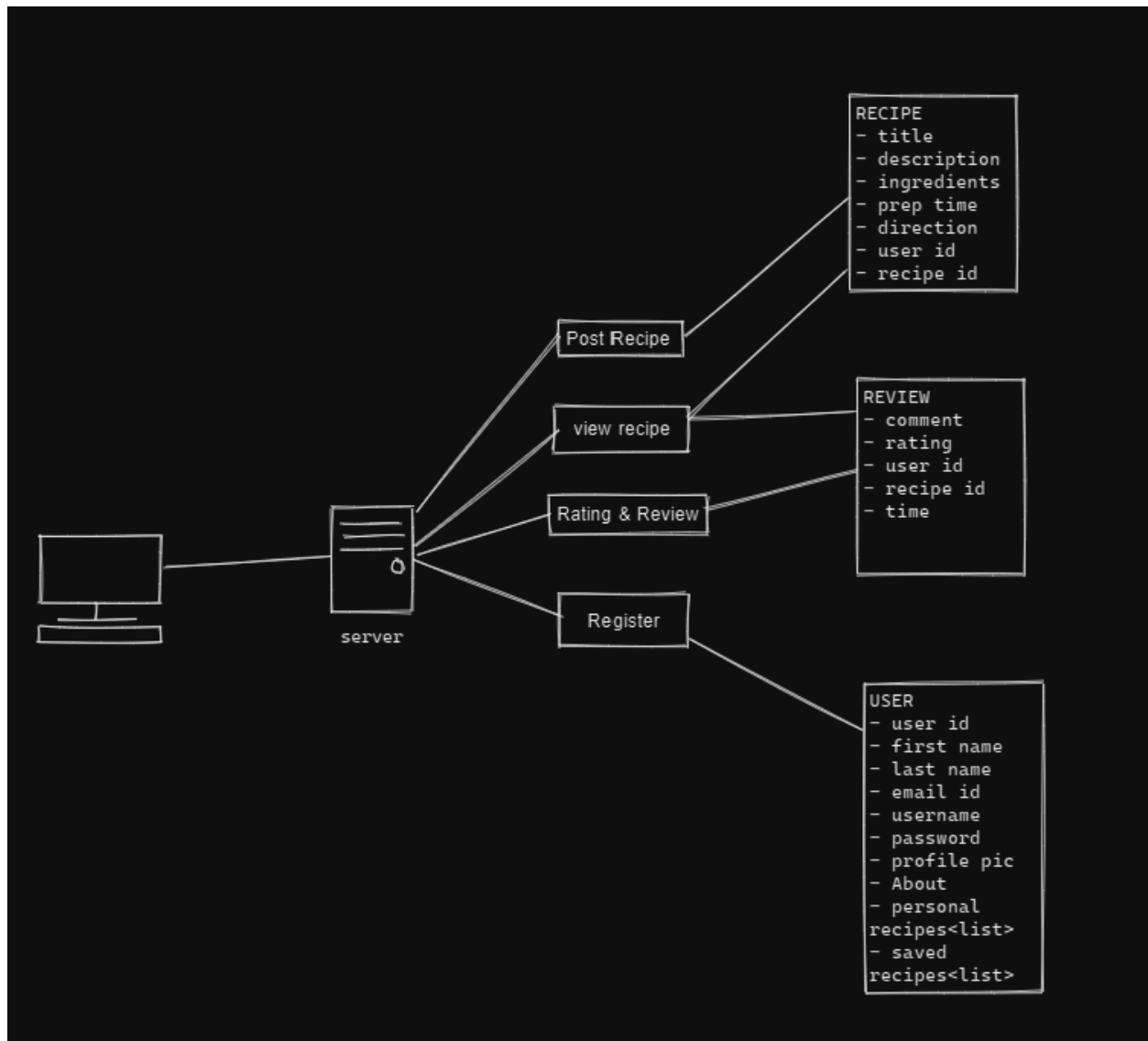
```
POST /v1/food_review_id # is used to review a food_recipe.
{
    "rating": <=5,
    "review": "description"
}
```

Client User

Server

API Calls

Database Tables



Database Design

