### Jumbly Database Schema Outline

1. **Users Table**
   * user\_id (Primary Key)
   * username (Unique)
   * password (Hashed)
   * role (Enum: Admin, Supervisor, Operative, Client)
   * email
   * phone
   * status (Enum: Active/Inactive)
   * created\_at
   * updated\_at
2. **Clients Table**
   * client\_id (Primary Key)
   * user\_id(foreign key linked to users table)
   * company\_name
   * contact\_person
   * email
   * phone
   * address
   * project\_details (list of project ids)
   * created\_at
   * updated\_at
3. **Projects Table**
   * project\_id (Primary Key)
   * client\_id (Foreign Key)
   * project\_name
   * start\_date
   * end\_date
   * status (Enum: Active/Completed/On-hold)
   * description
   * created\_at
   * updated\_at
4. **Tasks Table**
   * task\_id (Primary Key)
   * project\_id (Foreign Key)
   * assigned\_by (User ID Foreign Key)
   * assigned\_to (User ID Foreign Key, applicable for Operatives)
   * task\_name
   * task\_description
   * status (Enum: Created, Started, In Progress, Completed)
   * priority (Enum: Low, Medium, High)
   * due\_date
   * created\_at
   * updated\_at
5. **Task Categories Table**
   * category\_id (Primary Key)
   * category\_name
   * description
   * created\_at
   * updated\_at
6. **Reports Table**
   * report\_id (Primary Key)
   * project\_id (Foreign Key)
   * submitted\_by (User ID Foreign Key)
   * report\_content (JSON or Text)
   * created\_at
   * updated\_at
7. **Schedules Table**
   * schedule\_id (Primary Key)
   * project\_id (Foreign Key)
   * supervisor\_id (Foreign Key)
   * task\_ids (Array or JSON structure for task IDs)
   * schedule\_date
   * status
8. **Issues Table**
   * issue\_id (Primary Key)
   * task\_id (Foreign Key)
   * reported\_by (User ID Foreign Key)
   * issue\_description
   * status (Enum: Reported, Resolved)
   * photo\_attachment (URL or Blob)
   * created\_at
   * updated\_at
9. **Notifications Table**
   * notification\_id (Primary Key)
   * user\_id (Foreign Key)
   * message
   * status (Read/Unread)
   * created\_at