

Database Schema Plan

1. **Users** - This table will contain all the information about the users of the application, including their name, email, username, password, and any other relevant details.
2. **Tasks** - This table will store all the information related to tasks, such as the task title, description, due date, assigned user, priority, status, and any related files or comments.
3. **Projects** - This table will store information about the projects that users are working on, such as the project name, description, start date, end date, and any related files or comments.
4. **Team Members** - This table will store information about the members of a team, including their name, email, and role within the team.
5. **Project Tasks** - This table will store the relationship between projects and tasks, allowing for multiple tasks to be associated with a single project.
6. **User Tasks** - This table will store the relationship between users and tasks, allowing for multiple users to be assigned to a single task.
7. **Comments** - This table will store all the comments related to tasks or projects, including the user who made the comment, the date and time of the comment, and the text of the comment.
8. **Files** - This table will store all the files related to tasks or projects, including the file name, file type, and location.
9. **Task Statuses** - This table will store all the possible statuses that a task can have, such as "not started", "in progress", and "completed".
10. **Priorities** - This table will store all the possible priorities that a task can have, such as "high", "medium", and "low".
11. **Roles** - This table will store all the possible roles that a team member can have, such as "project manager", "developer", and "designer".

I would recommend that each table have a primary key, such as an auto-incrementing integer, and that any foreign keys be properly indexed for efficient querying. Additionally, appropriate data types and constraints should be used to ensure data integrity and consistency throughout the application.