

# Technical Round Task

## Project: Taskify

### Description:

Taskify is a web application designed to help users organize their daily tasks and manage their time effectively. It features CRUD operations for task management and user authentication via Google.

### Features:

- **User Authentication:**  
Users can log in to the application using their Google accounts, thanks to the integration with the Google API using the “passport-google-oauth2” library. This enables fast and secure login, and user data is stored in the database.
- **Profile Management:**  
The “Dashboard” feature allows users to view and update their profile information. Although modifying the profile data is not implemented due to time constraints, users can still retrieve their data from the database.
- **Todo Module:**  
Users can manage their tasks efficiently with the following capabilities:
  - **Add Task:** Create new tasks.
  - **Read Task:** View existing tasks.
  - **Update Task:** Edit tasks as needed.
  - **Delete Task:** Remove tasks when they are no longer needed.
  - **Complete Task:** Mark tasks as completed for review.

### Technology Stack:

- **React.js:**  
Used for creating various components and managing the frontend of the application.

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- Node.js:  
Serves as the runtime environment to integrate the frontend with the database.
- Express.js:  
Handles the server-side operations and works as an API for the application.
- MongoDB:  
Utilized for storing user data, with MongoDB Atlas as the cloud database service.
- Bootstrap:  
Employed for styling components quickly and efficiently, saving time on custom CSS.

**Github :** [Niranjan686/TaskifyWebApp \(github.com\)](https://github.com/Niranjan686/TaskifyWebApp)

Deployment:

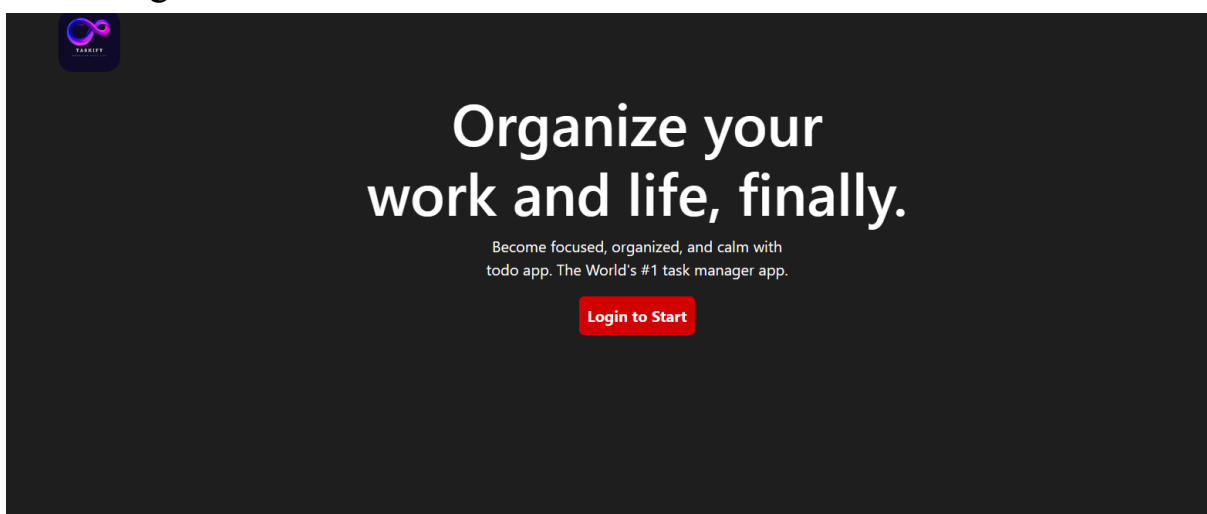
I had successfully uploaded on github but due to Unknown fatal error it can't be deployed on vercel.

I had tried my best to overcome the issue but it seem beyond my experience.

For ref [ [Taskify \(taskify-web-app-frontend.vercel.app\)](https://taskify-web-app-frontend.vercel.app) ]

It runs smooth on local host so i had some reference in the form of screen shot.

Home Page:



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Login Page:

The login page features a dark gray background. In the center is a white rounded rectangle containing the following elements:

- Sign in**: A heading centered at the top of the white card.
- : A text input field for the username.
- : A password input field with masked characters.
- ☐ Remember password: A checkbox with the label "Remember password".
- Login**: A blue button with white text.
- 
- Sign in with Google**: A red button with white text.

My Todo:


The "My Todos" application has a dark gray background. The main content area is a lighter gray rectangle containing:

- My Todos**: A heading centered at the top of the main content area.
- | Title   | Description   |            |
|---|---|------------|
| <input type="text" value="What's the task title?"/> | <input type="text" value="What's the task description?"/> | <b>Add</b> |
- Todo**


**Completed**

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## Profile Management:

Home **Profile** Logout

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Edit

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