

Quick Guide about Todo Reminder App:

1) Steps to run the app (Make sure all the dependencies are already installed)

Open Terminal

The screenshot shows the VS Code interface with the following details:

- Explorer View:** Shows the project structure under "TODO-REMINDER". It includes folders for "backend" and "frontend", and files like "auth.js", "db.js", "data.sqlite3", "index.html", "style.css", "tasks.js", "users.js", "utils", "mailer.js", ".env", and "README.md".
- Terminal View:** Displays the command line interface with the following text:

```
PS C:\Users\balis\Desktop\todo-reminder> [open chat] + [Dismiss]
```
- Bottom Status Bar:** Shows various icons and status indicators for the workspace.

Enter Backend

The screenshot shows a terminal window with the following text:

```
25
26 // serve frontend static files
```

Below the terminal, the VS Code interface shows the following tabs:

- PROBLEMS
- OUTPUT
- DEBUG CONSOLE
- TERMINAL**
- PORTS
- GITLENS
- AZURE

The terminal history shows:

- PS C:\Users\balis\Desktop\todo-reminder> cd backend
- PS C:\Users\balis\Desktop\todo-reminder\backend> []

npm run dev

The screenshot shows a terminal window with the following text:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS AZURE
```

The terminal history shows:

- PS C:\Users\balis\Desktop\todo-reminder> cd backend
- PS C:\Users\balis\Desktop\todo-reminder\backend> npm run dev

Output from the command:

```
> todo-reminder-backend@1.0.0 dev
> nodemon server.js

[nodemon] 2.0.22
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): ***!
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node server.js`
[dotenv@17.2.3] injecting env (5) from .env -- tip: ⚡ suppress all logs with { quiet: true }
⚡ Server running on http://localhost:3000
```

Open the above <http://localhost:3000> link in browser

2) User Management

Home Page

The screenshot shows a web browser window with the URL localhost:3000 in the address bar. The title of the page is "Todo Reminder App". Below the title, there is a "Login" section. It contains two input fields: "Email" and "Password", both currently empty. Below the fields are two buttons: a blue "Login" button and a link "Create account".

Signup

The screenshot shows a web browser window with the URL localhost:3000 in the address bar. The title of the page is "Todo Reminder App". Below the title, there is a "Sign Up" section. It contains three input fields: "Name" (with the value "Spandan Bali"), "Email" (with the value "balispandan7@gmail.com"), and "Password" (with the value "*****"). Below the fields are two buttons: a blue "Sign Up" button and a link "Already have an account? Login".

3) Task Management

App page

The screenshot shows the Todo Reminder App homepage. At the top, there is a header bar with a back arrow, forward arrow, refresh icon, and a search bar containing "localhost:3000". On the right side of the header are several small icons. Below the header, the title "Todo Reminder App" is displayed. A user email "balispandan7@gmail.com" is shown on the left, and a "Logout" button is on the right. The main content area is divided into two sections: "Create Task" and "Your Tasks". The "Create Task" section contains fields for "Title (required)" (with placeholder "dd-mm-yyyy --::--"), "dd-mm-yyyy --::--" (date input), and "Description (optional)". A green "Add Task" button is at the bottom. The "Your Tasks" section has a table with columns: Title, Due, Status, and Actions. There are no tasks listed in this table.

New task added

This screenshot shows the Todo Reminder App after a new task has been added. The interface is identical to the previous screenshot, but the "Your Tasks" table now contains one row: "Viva" with a due date of "05/11/2025, 16:55:00" and a status of "Pending". The "Actions" column for this task includes three buttons: "Edit" (blue), "Complete" (green), and "Delete" (red).

Edit

This screenshot shows the Todo Reminder App after an existing task has been edited. The "Your Tasks" table now contains one row: "Practical Exam" with a due date of "05/11/2025, 11:25:00" and a status of "Pending". The "Actions" column for this task includes three buttons: "Edit" (blue), "Complete" (green), and "Delete" (red).

Completion status

The screenshot shows a web-based application titled "Todo Reminder App". At the top, there is a header bar with a back arrow, forward arrow, refresh icon, and a search bar containing "localhost:3000". To the right of the search bar are several small icons. Below the header, the title "Todo Reminder App" is displayed in a large font. Underneath the title, the email address "balispandan7@gmail.com" is shown, along with a "Logout" button. A "Create Task" form is present, featuring fields for "Title (required)" (with placeholder "New Task"), "Due Date" (placeholder "dd-mm-yyyy --::--"), and "Description (optional)". A green "Add Task" button is located at the bottom of the form. Below the form, a section titled "Your Tasks" displays a table with one row. The table columns are "Title", "Due", "Status", and "Actions". The single task listed is "Practical Exam" due on "05/11/2025, 11:25:00" with a status of "Completed". The "Actions" column contains three buttons: "Edit" (blue), "Unmark" (gray), and "Delete" (red).

4) Email Reminder

Reminder for the task

The screenshot shows a Gmail inbox screen. At the top, the URL "mail.google.com/mail/u/3/#inbox/.../inbox/FMfcgzQcqbhFTRMKhDKHCrKfZbRpHJH" is visible. The inbox header includes a "Compose" button, a search bar, and a filter icon. On the left, a sidebar lists "Inbox" (706 messages), "Starred", "Snoozed", "Sent", "Drafts", "Purchases", and "More". The main area shows an incoming email from "delispandan2@gmail.com" with the subject "Reminder: "Viva"" and a due date of "5/11/2025, 4:55:00 pm". The email body contains a greeting "Hi," and a message stating "This is a reminder that your task "Viva" is due at 5/11/2025, 4:55:00 pm." Below the message, it says "Description: Reminder for upcoming Viva" and "Open your Todo app to manage it." At the bottom of the email view, there are "Reply", "Forward", and "Smiley" buttons.

Task Completion Message

The screenshot shows a Gmail inbox interface. The top navigation bar includes links forCompose,Inbox,Starred,Snoozed,Sent,Drafts,Purchases, and More. A search bar labeled "Search mail" is present. Below the navigation is a toolbar with icons for reply, forward, and other actions. The main area displays an email from "dellspandan2@gmail.com" to "me". The subject of the email is "Task Completed: "Practical Exam"" and it has an "Inbox" status with a red "x" icon. The email body contains the following text:
Hi,
You just completed your task "Practical Exam".
Description: Reminder for upcoming Viva
Great job staying productive! 🎉

Github Rep Link: <https://github.com/spandanbali/todo-reminder>