

# Data Flow Diagram (DFD) for your to-do-list-app

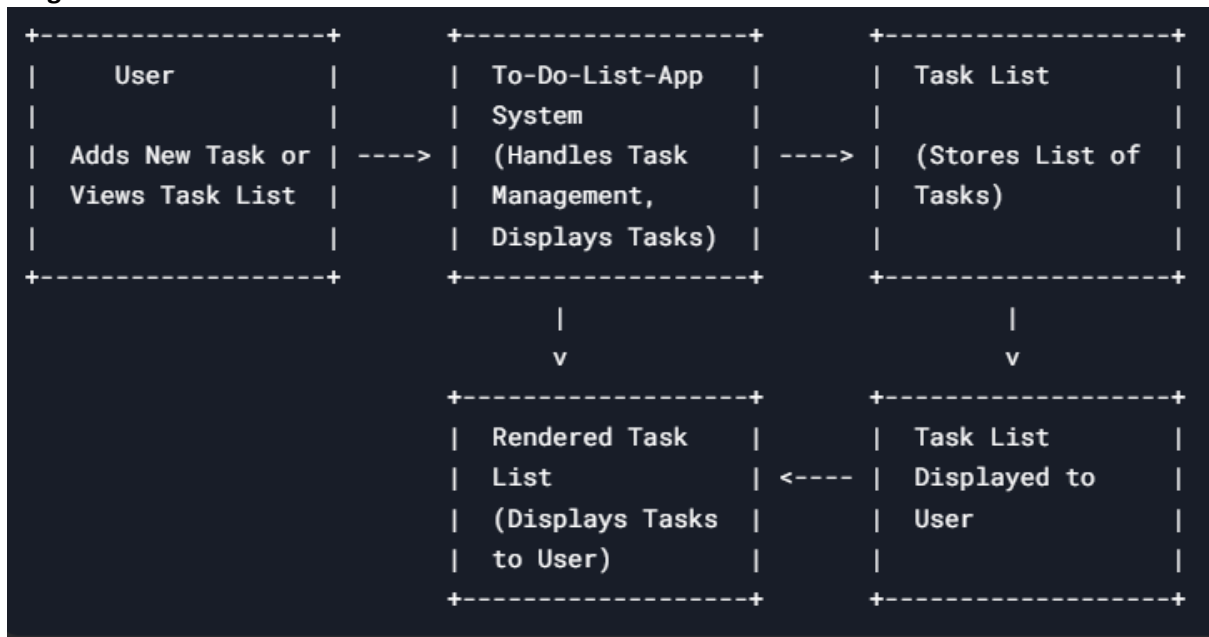
## Level 0: Context Diagram

This is the highest-level view of the system, showing the overall flow of data between the system and external entities.

### Components

- External Entity: User**
  - Interacts with the system by adding new tasks and viewing the task list.
- Process: To-Do-List-App System**
  - Handles task management (adding tasks and displaying the task list).
- Data Store: Task List**
  - Stores the list of tasks.
- Output: Rendered Task List**
  - Displays the list of tasks to the user.

### Diagram:



## Level 1: Detailed DFD

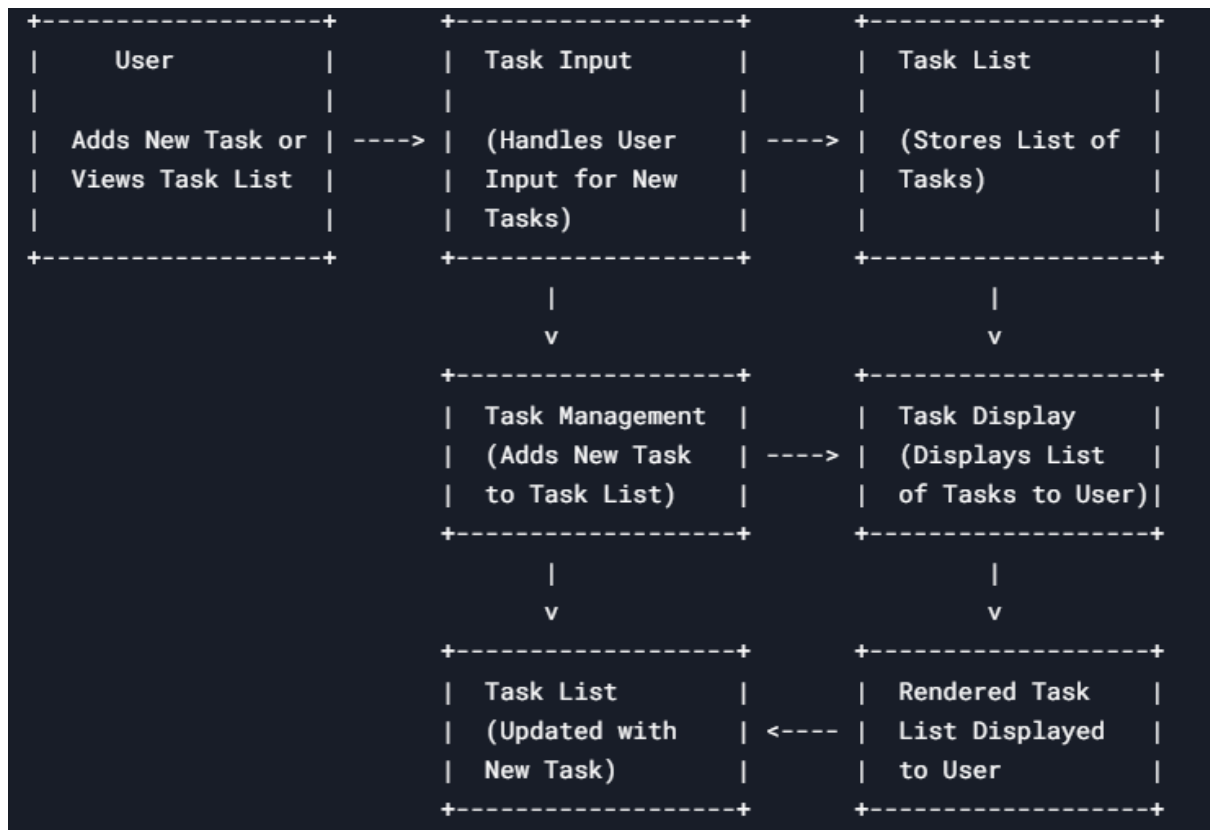
This breaks down the To-Do-List-App System into its sub-processes and shows how data flows between them.

### Components

- User: Adds new tasks or views the task list.**
- Task Input: Handles user input for new tasks.**

3. Task Management: Adds new tasks to the task list.
4. Task List: Stores the list of tasks.
5. Task Display: Displays the list of tasks to the user.

Diagram:



Explanation of Data Flow

1. User → Task Input: The user enters a new task into the input field.
2. Task Input → Task Management: The new task is passed to the task management process.
3. Task Management → Task List: The new task is added to the task list.
4. Task List → Task Display: The updated task list is passed to the task display process.
5. Task Display → User: The task list is displayed to the user.