

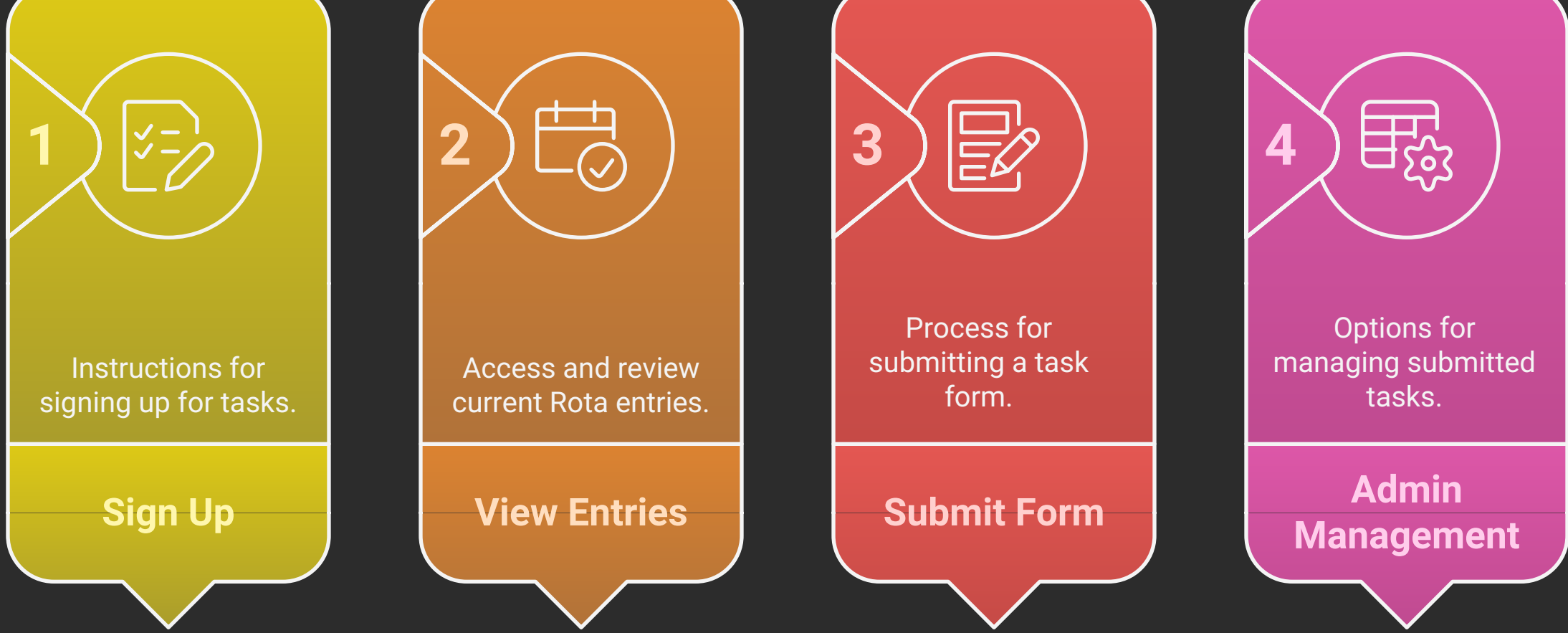
Sprint 1.5 – Workflow & Data Flow

🎯 Goal: Plan how users interact with the CYF-TaskRoster app, what data they input, and how it's processed behind the scenes. This ensures the forms, backend structure, and APIs are aligned and ready for development.

🔑 Tasks:

1. Identify User Actions

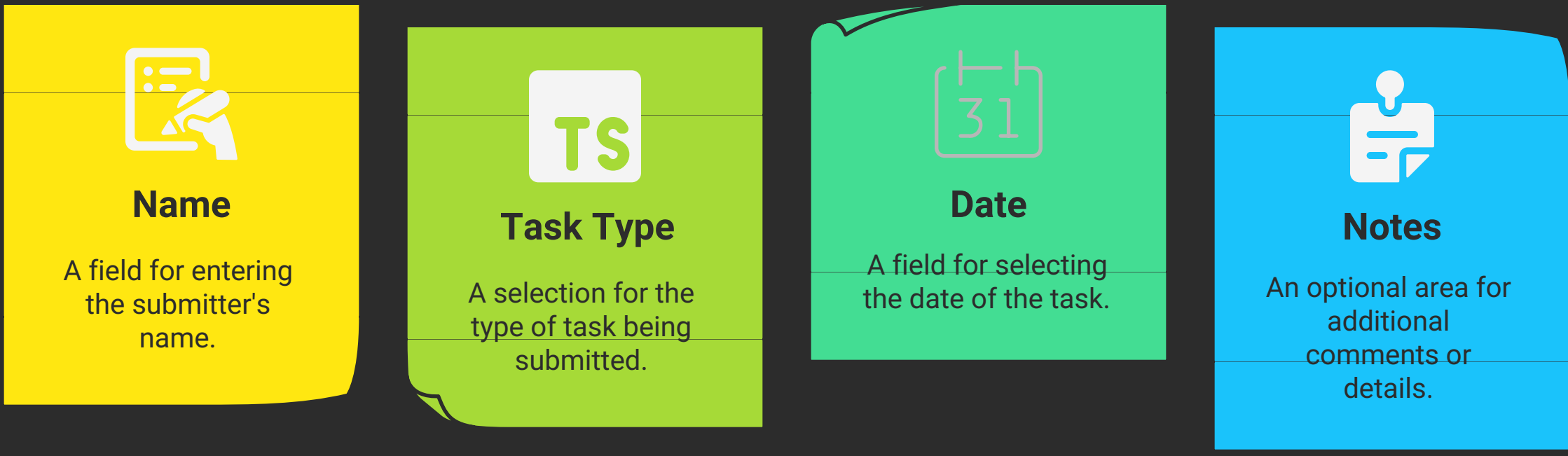
- Sign up for a food or cleaning task
- View existing Rota entries
- Submit task form
- [Admin only] Review, delete, or manage submitted tasks



2. Define Input Fields

Each task submission form should include:

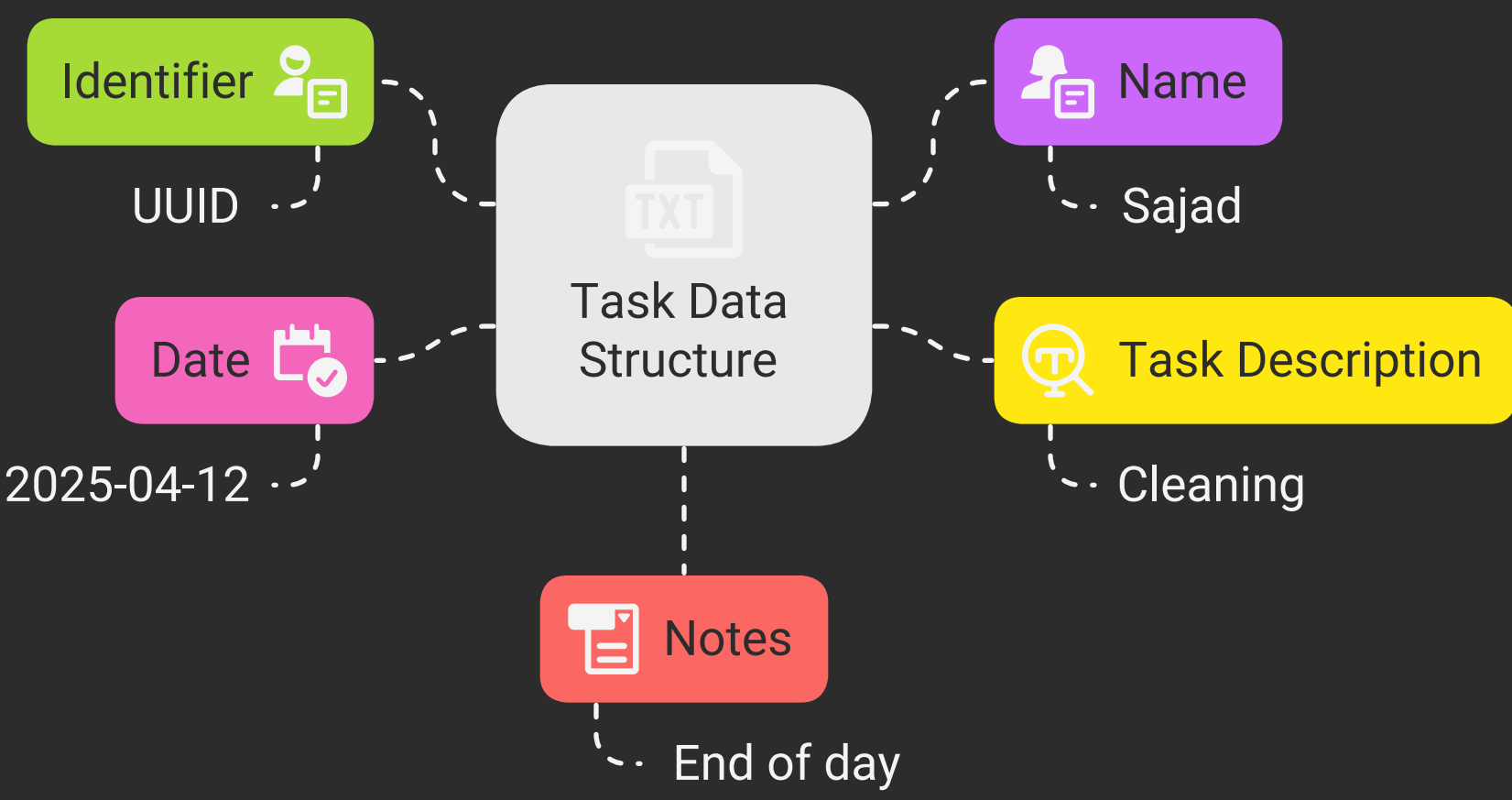
- Name [text input]
- Task type [radio or dropdown: food / cleaning]
- Date [date picker]
- Notes [optional text area]



3. Decide Output Format

Define the structure of task data stored in the backend:

```
{
  "id": "uuid123",
  "name": "Sajad",
  "task": "cleaning",
  "date": "2025-04-12",
  "notes": "Will clean at the end of the day"
}
```

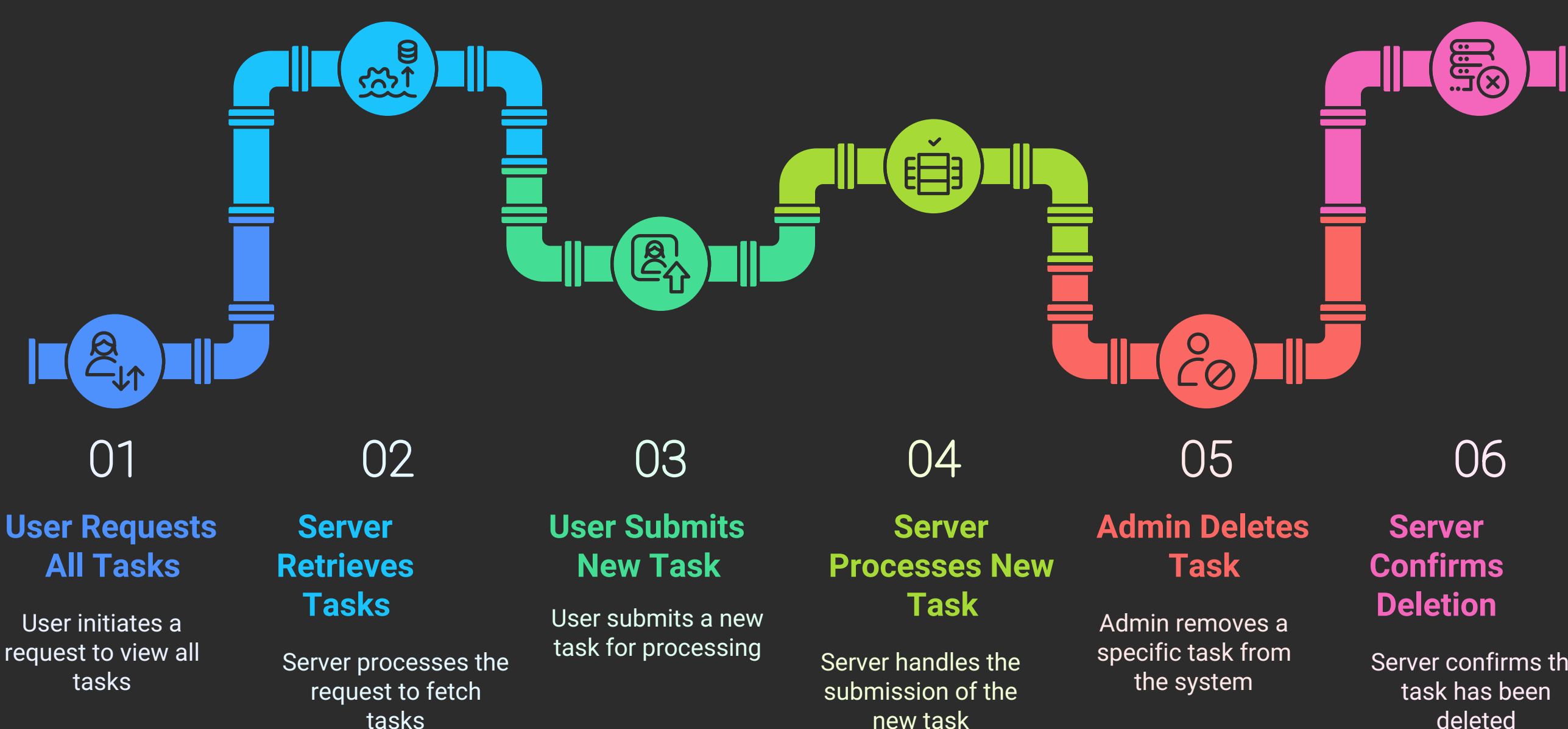


4. Sketch Basic API Plan

Define early backend routes:

- **GET** /tasks – View all tasks
- **POST** /tasks – Submit a new task
- **DELETE** /tasks/:id – [Admin only] Remove task

📊 Outcome: A documented workflow that clearly connects the user experience with backend data flow, making it easier to design forms, implement logic, and connect frontend with backend.



Sprint 1.5 – Workflow & Data Flow

Aligning App Workflow with Backend

Sketch Basic API Plan

Developing API routes to connect frontend and backend seamlessly.

Decide Output Format

Structuring backend data for efficient storage and retrieval.

Define Input Fields

Designing forms to capture essential user data accurately.

Identify User Actions

Mapping user interactions with the app to ensure intuitive navigation.

