

Sprint 1 – Planning for your CYF-TaskRoster

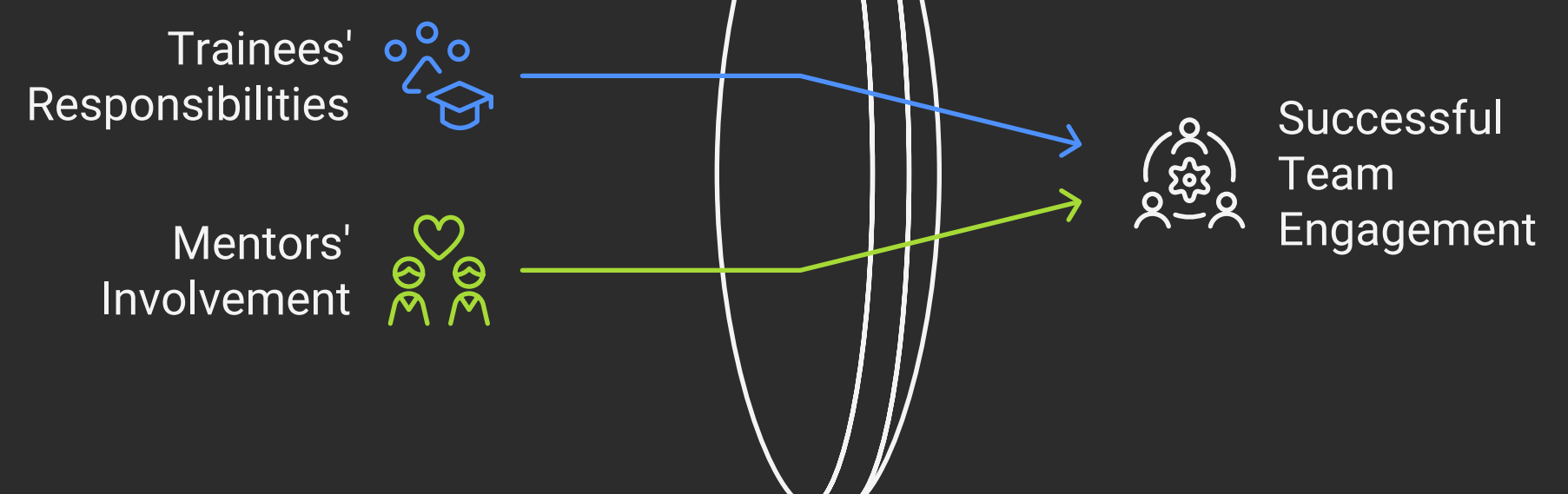
Purpose of the App

The **CYF-TaskRoster** app helps organize weekly tasks [like bringing food or cleaning] for in-person CodeYourFuture sessions. It allows trainees, mentors, and volunteers to sign up for responsibilities, ensuring the day runs smoothly and tasks are shared fairly.



Target Users

- **Trainees:** To sign up and contribute to team responsibilities.
- **Mentors/Volunteers:** Can also participate in food and cleaning duties.



Benefits

- ☒ Clear & fair Rota distribution
- Transparency on who's doing what
- Reduced last-minute stress
- Encourages teamwork & accountability
- Makes Saturdays more enjoyable.



User Stories

Trainee Stories

- As a trainee, I want to **sign up for a food or cleaning task**, so that I can contribute to my team's responsibilities.
- As a trainee, I want to **view the list of submitted tasks**, so I can see who has already signed up.
- As a trainee, I want to **remove my name from the list**, so that someone else can take over if I can't make it.
- As a trainee, I want to **filter tasks by category (food or cleaning)**, so I can quickly find my responsibilities.
- As a trainee, I want to **volunteer for food duty even if others already signed up**, so I have a fair chance to be selected based on past participation.

Admin Stories

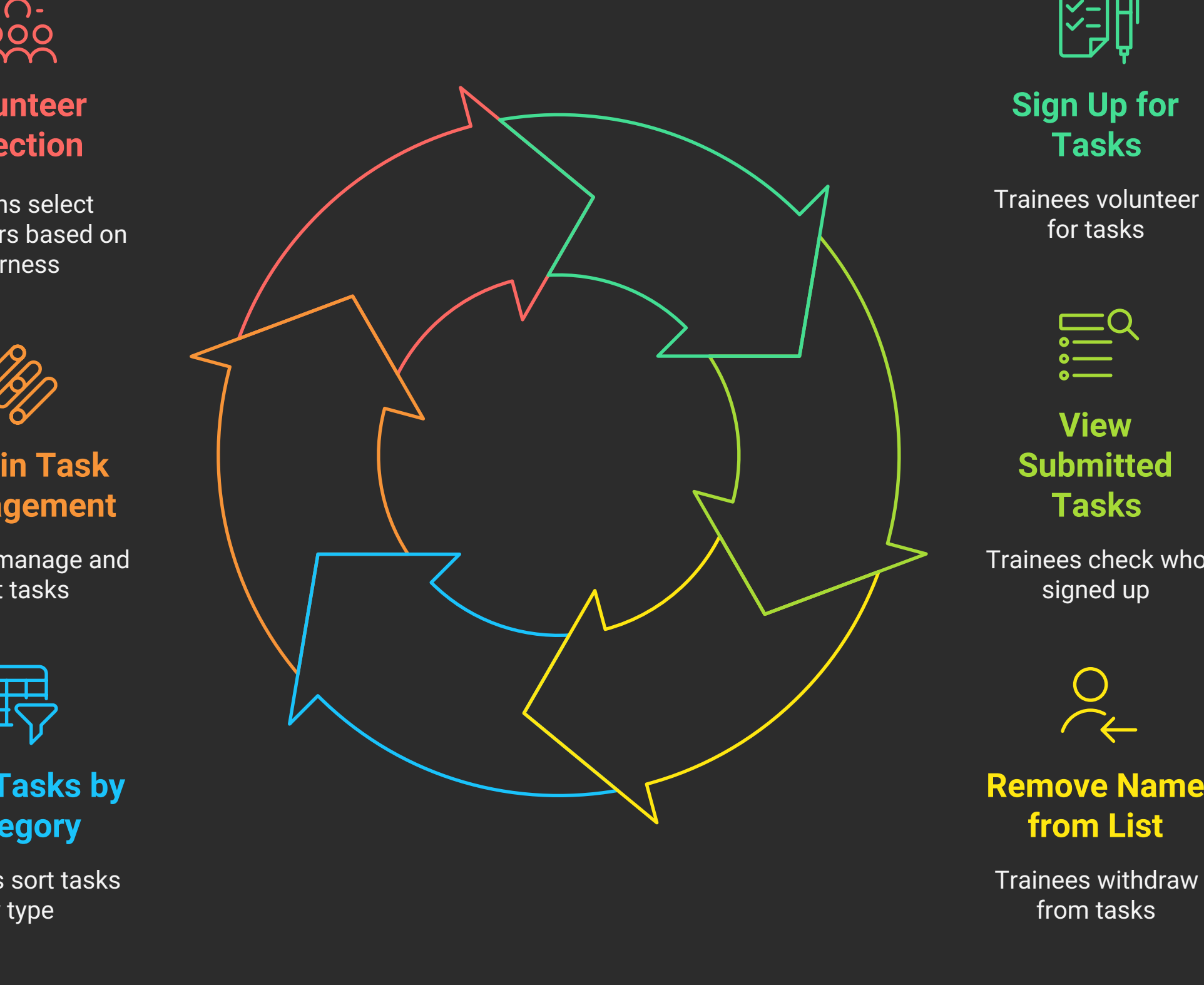
- As an admin, I want to **remove tasks that are duplicates or incorrect**, so the list stays clean.
- As an admin, I want to **edit existing tasks**, so I can make corrections without deleting them.
- As an admin, I want to **manage all tasks** without logging in as each user.
- As an admin, I want to **see all food duty volunteers and select 3 with the least participation**, so the rota stays fair and balanced.

Notes on Selection Process

The app will allow more than 3 trainees to volunteer for food or cleaning task. Once the submission period ends, the admin will review all entries and select 3 participants based on who has:

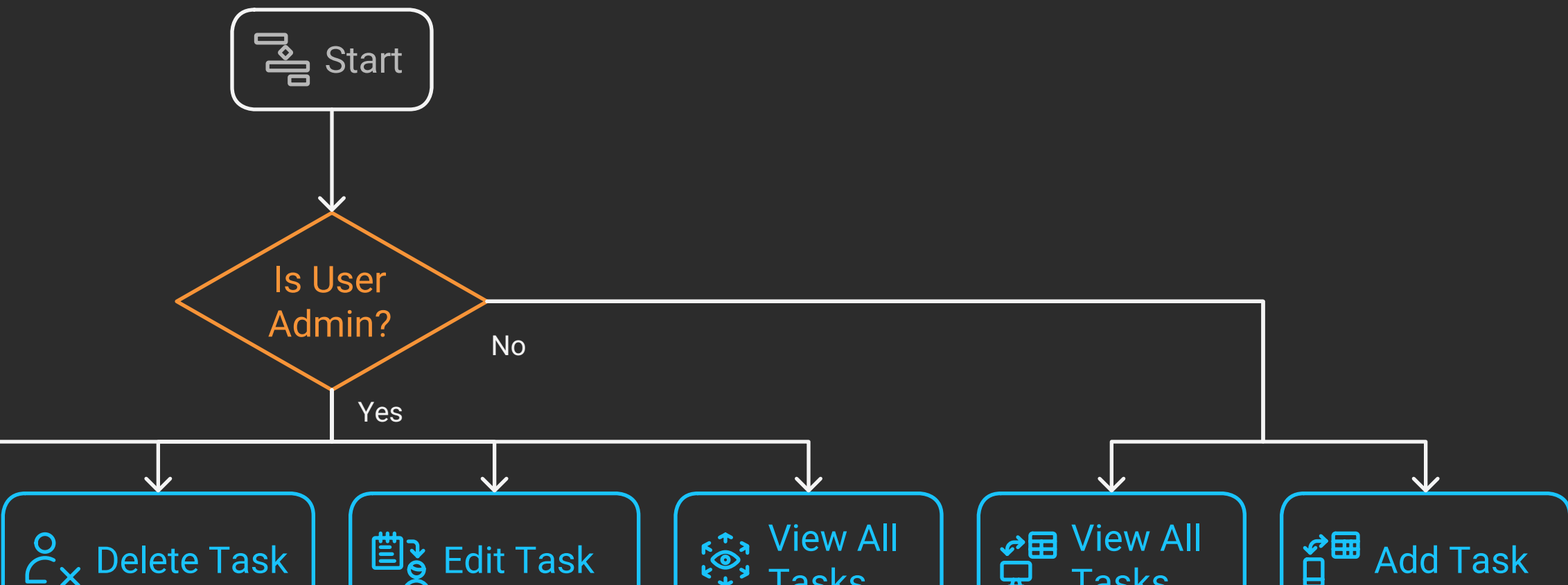
- Never participated before, or
- Participated the fewest number of times

This ensures fairness and equal opportunity for all trainees to take part in weekly responsibilities.



Permissions Decision

Action	Trainee	Admin
Add task	<input checked="" type="checkbox"/> Allowed	<input checked="" type="checkbox"/> Allowed
Delete task	<input checked="" type="checkbox"/> Not allowed (MVP)	<input checked="" type="checkbox"/> Allowed
Edit task	<input checked="" type="checkbox"/> Not allowed (MVP)	<input checked="" type="checkbox"/> Allowed
View all tasks	<input checked="" type="checkbox"/> Allowed	<input checked="" type="checkbox"/> Allowed



only admins can delete/edit tasks in the MVP.

This avoids accidental edits and keeps the interface clean.

Later versions may allow trainees to manage their own entries

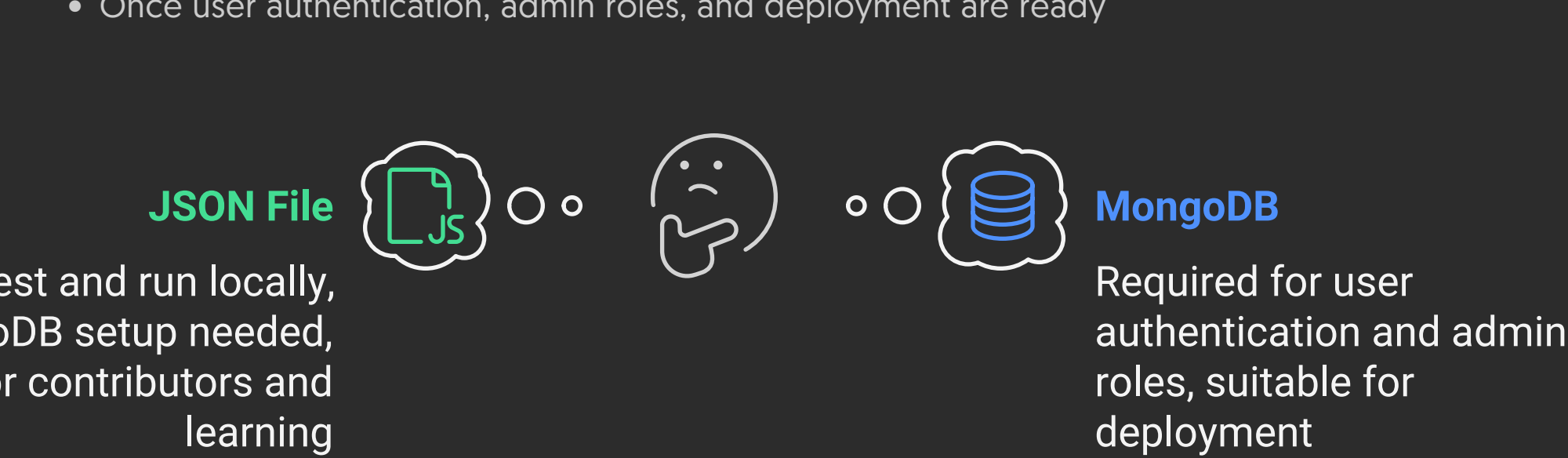
Backend Data Structure

Chosen for MVP: JSON file

- Easier to test and run locally
- No need for MongoDB setup or internet access
- Ideal for contributors and learning

Future Plan: Move to MongoDB

- Once user authentication, admin roles, and deployment are ready



Easier to test and run locally, no MongoDB setup needed, ideal for contributors and learning

Required for user authentication and admin roles, suitable for deployment

CYF-TaskRoster App Development Sequence

