



Final Project

Uber Eats Clone

October 1st, 2025



Team Members & Technologies Used

Manansala, Dylan

- Frontend (React/Vite w/ Material UI)

Dang Huynh Minh

- Backend (Django)

Ouaddah, Amir

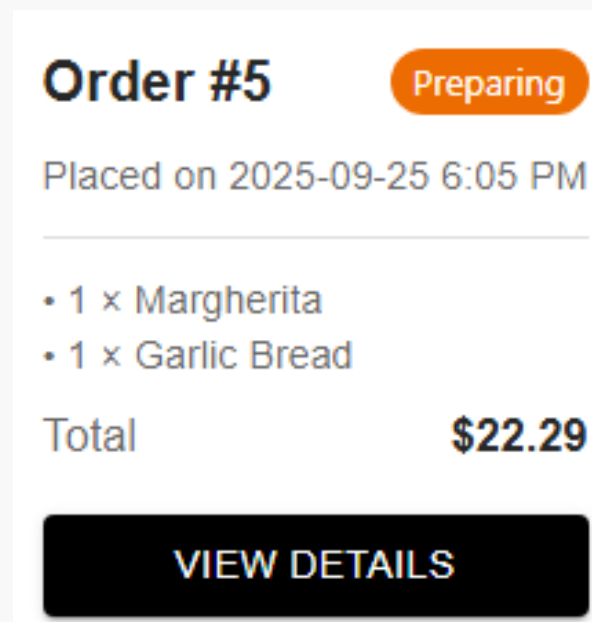
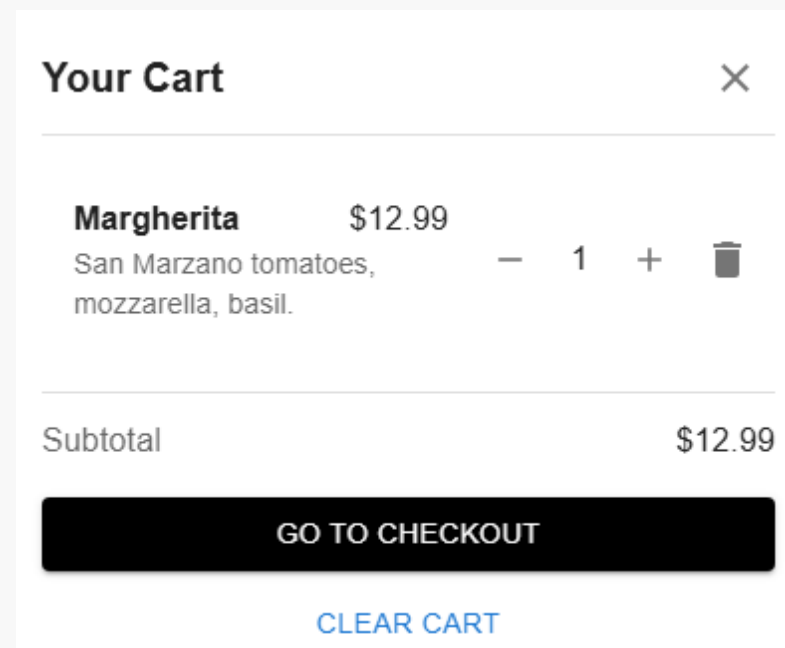
- ERD,
- MySQL/Azure,
- Models



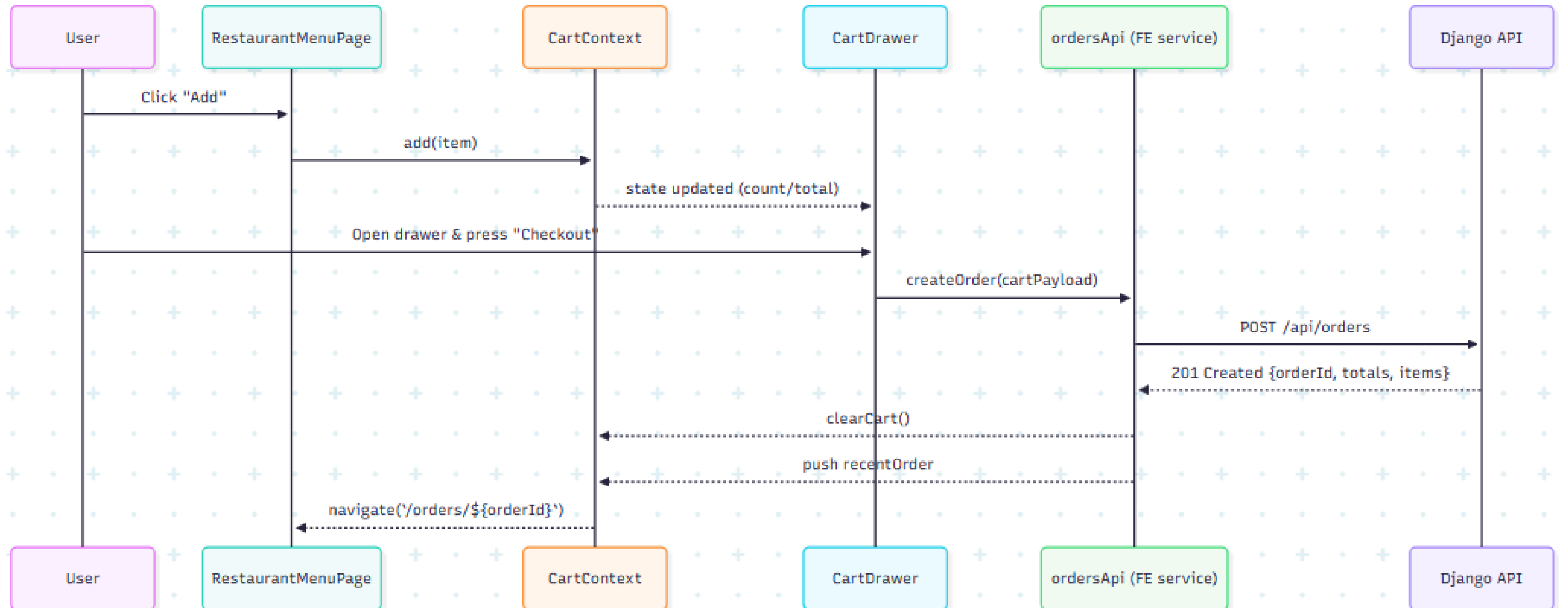
Managing Temporary vs. Persistent State

- **Solution:** React's Context API
- **What I learned:** State management is not just technical

UI → CartContext (temporary) → placeOrder → clear cart → navigate to Order (persistent).



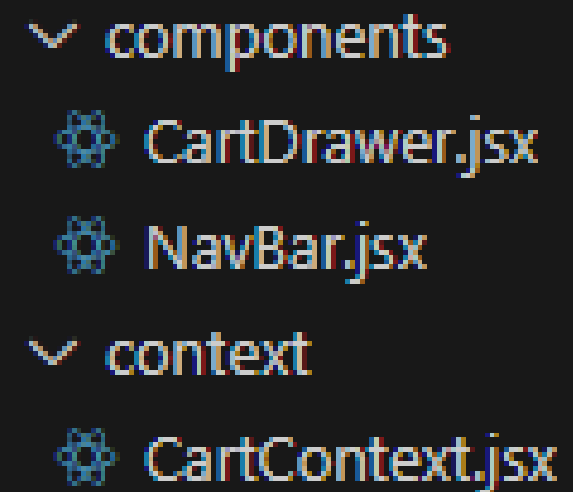
Flowchart (Add to Cart → Checkout)



CartContext & CartDrawer

Why CartContext?

- One place owns cart state
- **Safety:** Immutable updates
- **UX:** Never lose cart, even on refresh

A file explorer view showing a project structure. It has two main folders: 'components' and 'context'. Under 'components', there are two files: 'CartDrawer.jsx' and 'NavBar.jsx'. Under 'context', there is one file: 'CartContext.jsx'. Each file is preceded by a gear icon.

```
▼ components
  ⚙ CartDrawer.jsx
  ⚙ NavBar.jsx
▼ context
  ⚙ CartContext.jsx
```

Why CartDrawer?

- Quick Access & Global (Can use from anywhere)
- Inline Edits

Imported in NavBar:

```
import { useCart } from "../context/CartContext";
```