

## (2) Flow of Data

### ① Sign up / sign-in

- user interacts with the front-end to register or login

↓ request (front-end)

Authentication API

(Validates & stores user credentials securely).

### ② Product Browsing

- user browse products via the front-end

↓  
fetches product data from sanity CMS.

### ③ Cart Management

- users add items to the cart managed through local storage

### ④ Order placement

- order confirmed by the user.

front-end

Send payment details to the Payment API.

Stores details in sanity CMS.

the order in sanity