# State Management

## BehaviorSubjects

The application uses RxJS BehaviorSubjects for state management:

### ApiService State

```
isUpdateCart = new BehaviorSubject(true);
deletedFromCart = new BehaviorSubject(true);
login = new BehaviorSubject(true);
```

### SocketsService State

```
private chatOpenSubject = new BehaviorSubject<boolean>(false);
chatOpen$ = this.chatOpenSubject.asObservable();
```

## Local Storage

Persistent data is stored in browser localStorage:

- **jwt** - Authentication token
- **user** - User information
- **cart** - Shopping cart data (backup)

## Usage Pattern

```
// Subscribe to state changes
this.apiService.isUpdateCart.subscribe(
  shouldUpdate => {
    if (shouldUpdate) {
      this.loadCart();
    }
  }
);
```

```
// Update state
this.apiService.isUpdateCart.next(true);
```

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