SYSTEM DESIGN SPECIFICATION

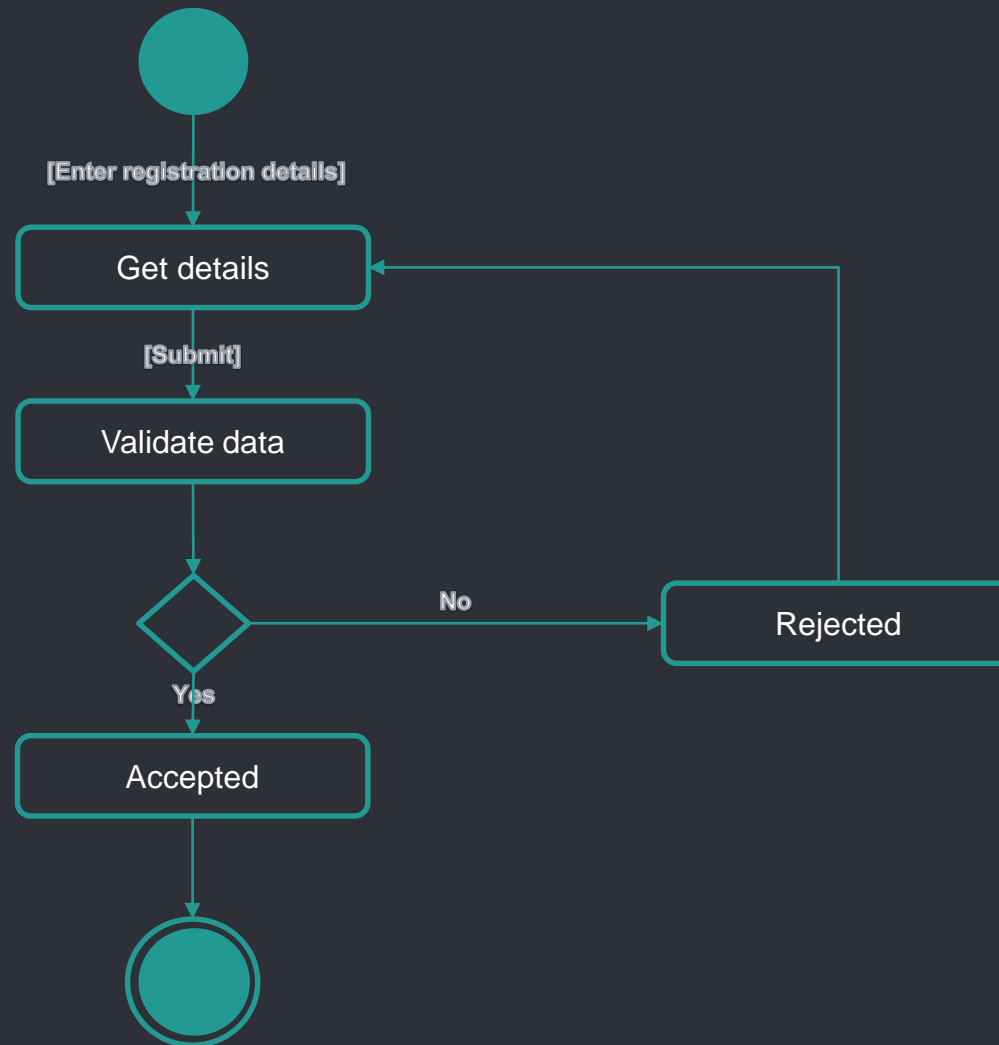# Use-Case Diagram

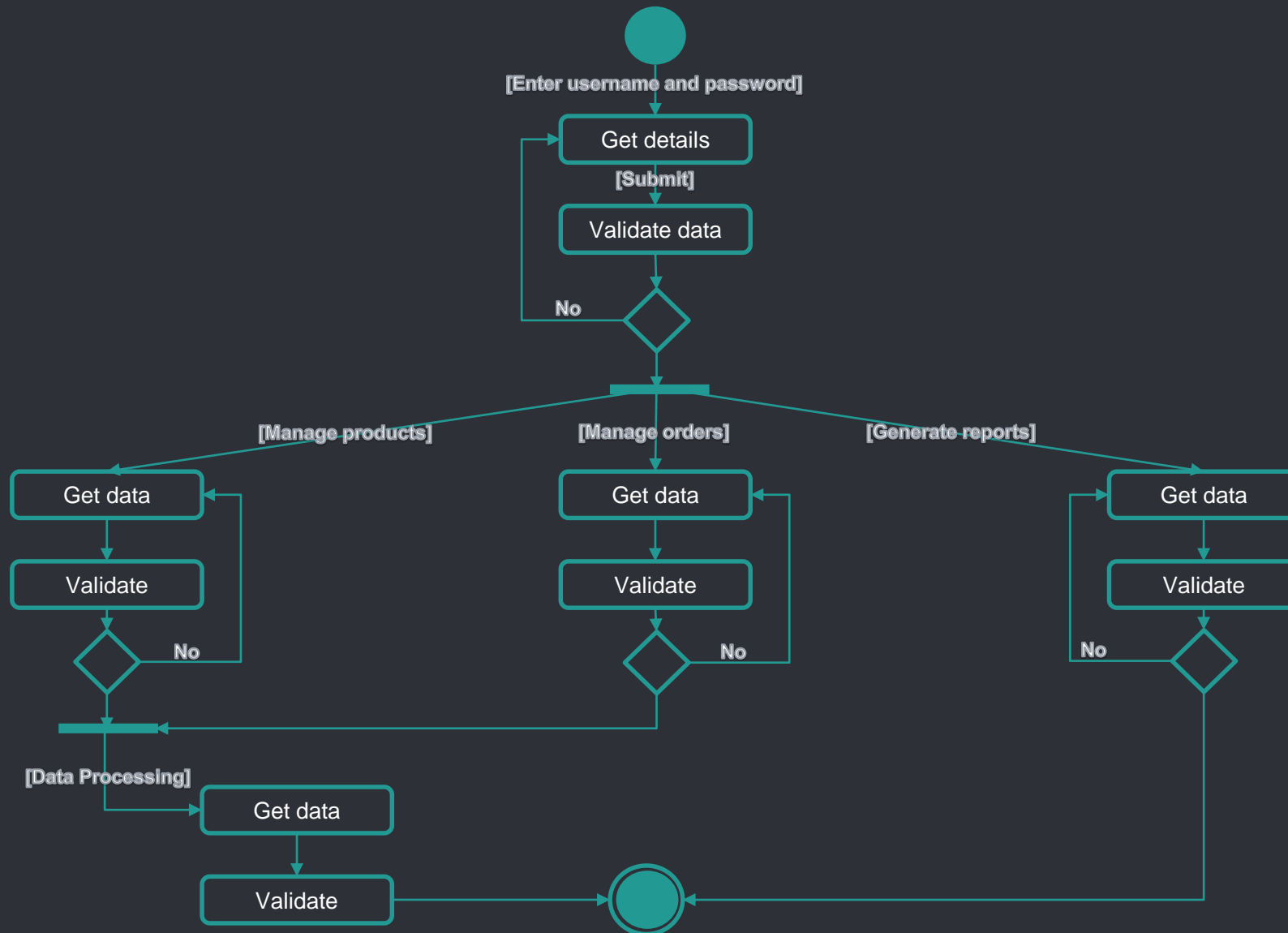**Online shopping**

- View items
- Purchase items
- Register
- Login
- Track order
- Add / Edit items

User

Visitor

Admin

Login Activity Diagram

[Enter username and password]

Get details

[Submit]

Validate data

Error

No — Rejected

Yes — Accepted
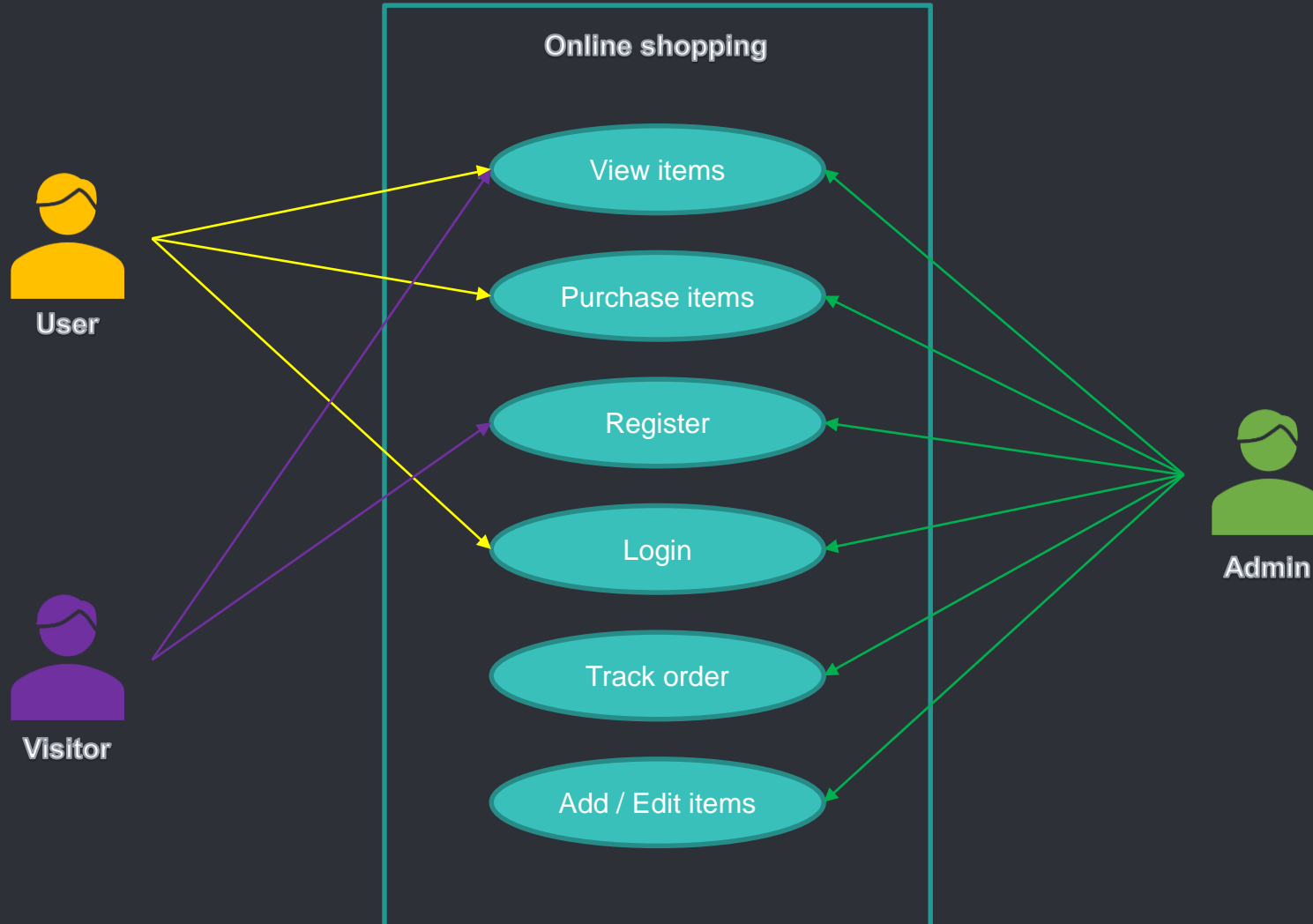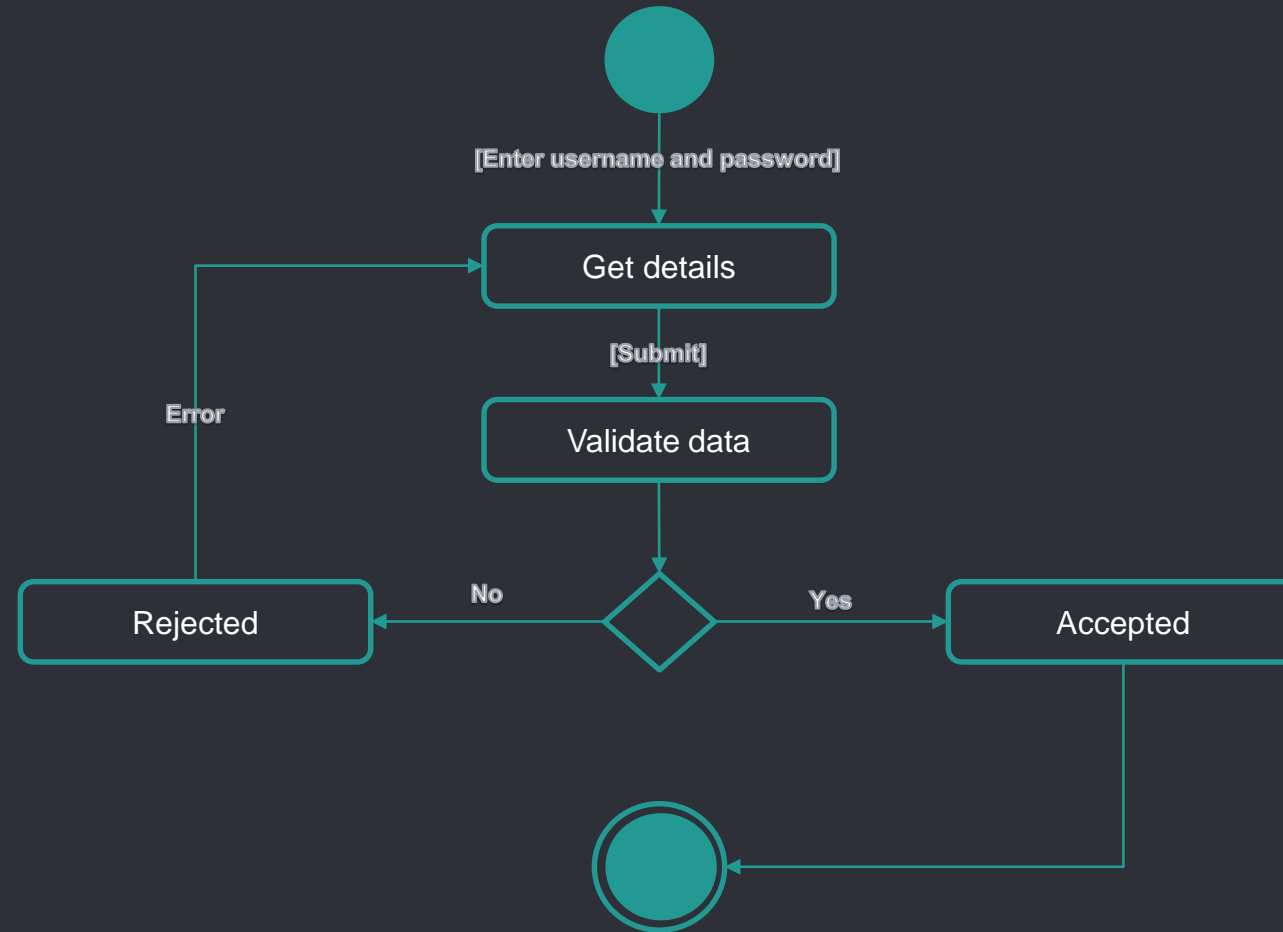
Registration Activity Diagram

```
                    ●
                    │
          [Enter registration details]
                    │
                    ▼
            ┌───────────────┐
            │  Get details  │◄──────────────┐
            └───────────────┘               │
                    │                       │
                 [Submit]                    │
                    │                       │
                    ▼                       │
            ┌───────────────┐               │
            │ Validate data │               │
            └───────────────┘               │
                    │                       │
                    ▼                       │
                   ╱ ╲           No   ┌───────────────┐
                  ◄   ►────────────────►   Rejected   │
                   ╲ ╱                └───────────────┘
                    │
                   Yes
                    │
                    ▼
            ┌───────────────┐
            │   Accepted    │
            └───────────────┘
                    │
                    ▼
                   ◉
```

Admin Activity Diagram

User Activity Diagram

[Enter username and password]

Get details

[Submit]

Validate data

No

[View products]

[Order products]

Get data

Get data

Validate

Validate

No

No

Yes

Yes
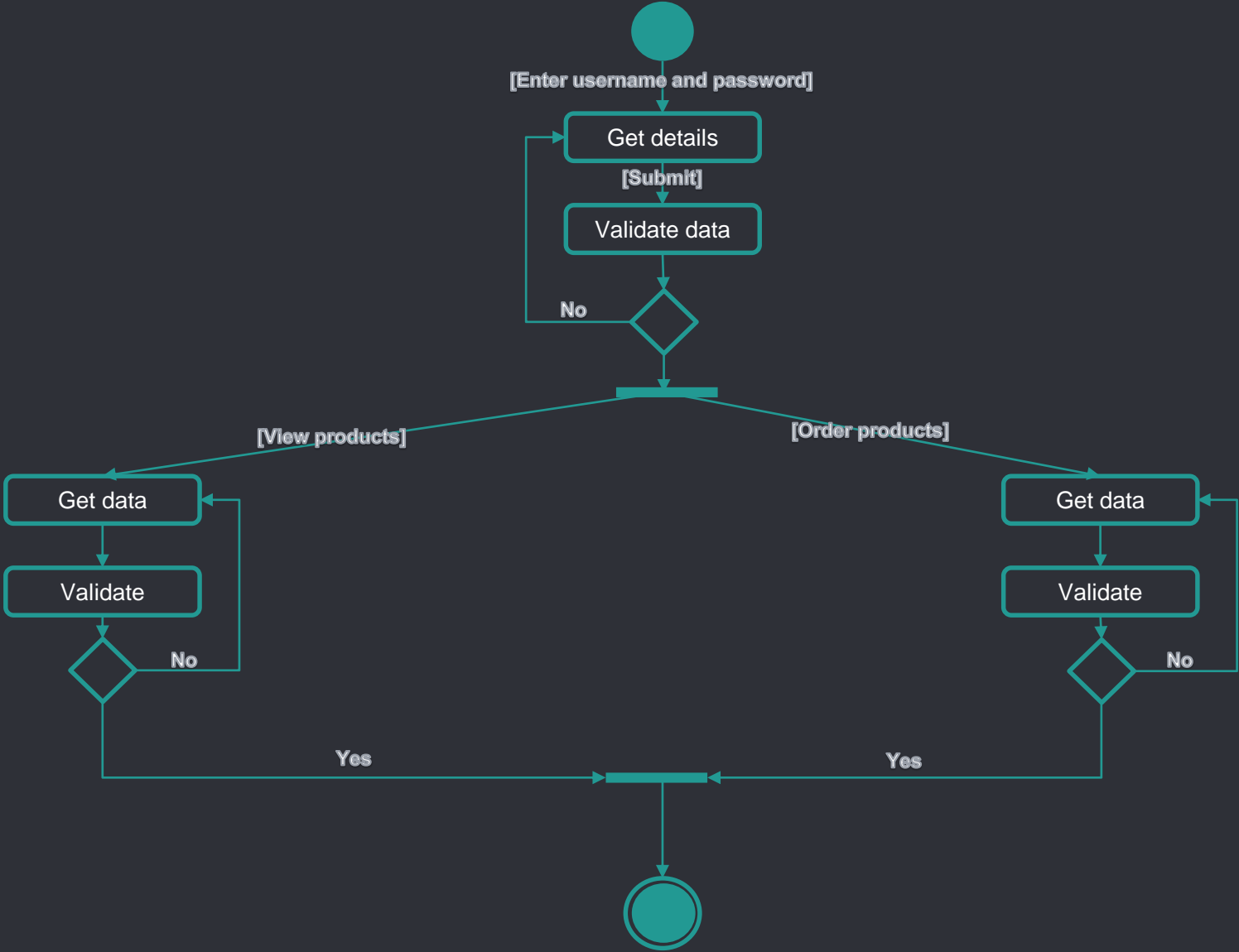
Database Design

To Be Completed