Online Furniture shop system flowchart

```
                          ┌────────┐
                          │ Start  │
                          └────────┘
                    ┌───────────┴────────────┐
                    ▼                          ▼
               ┌─────────┐               ┌─────────┐
               │Customer │               │  Admin  │
               └─────────┘               └─────────┘
                    │        ◄──Yes──┐         │      ┌──No──┐
                    ▼                │         ▼      │      │
                ╱───────╲           ╱───────╲    ╱───────╲   │
               ╱  Login  ╲──No──►  ╱ Register ╲  ╱  Login  ╲◄─┘
               ╲         ╱         ╲         ╱   ╲         ╱
                ╲───────╱           ╲───────╱     ╲───────╱
                    │ Yes                              │ Yes
                    ▼                                  ▼
          ┌──────────────────┐              ┌──────────────────┐
          │ Search furniture │              │  Add furniture   │
          │     product      │              │    products      │
          └──────────────────┘              └──────────────────┘
                    │                                  │
                    ▼                                  ▼
          ┌──────────────────┐              ┌──────────────────┐
          │   View product   │              │     Manage       │
          └──────────────────┘              │    products      │
                    │                        └──────────────────┘
                    ▼                                  │
          ┌──────────────────┐                        ▼
          │ Add product to   │              ┌──────────────────┐
          │      cart        │              │  Manage orders   │
          └──────────────────┘              └──────────────────┘
                    │                                  │
                    ▼                                  ▼
          ┌──────────────────┐              ┌──────────────────┐
          │   Place order    │              │     Manage       │
          └──────────────────┘              │    payments      │
                    │                        └──────────────────┘
                    ▼                                  │
               ╱───────╲                               │
              ╱ Pay on  ╲──No──► ┌──────────┐          │
              ╲delivery ╱        │ Pay now  │          │
               ╲───────╱         └──────────┘          │
                    │ Yes              │               │
                    ▼                  │               │
          ┌──────────────────┐◄────────┘               │
          │   Order placed   │                         │
          └──────────────────┘                         │
                    │                                  │
                    └──────────►┌──────────┐◄──────────┘
                                │  Logout  │
                                └──────────┘
                                     │
                                     ▼
                                ┌────────┐
                                │  Stop  │
                                └────────┘
```
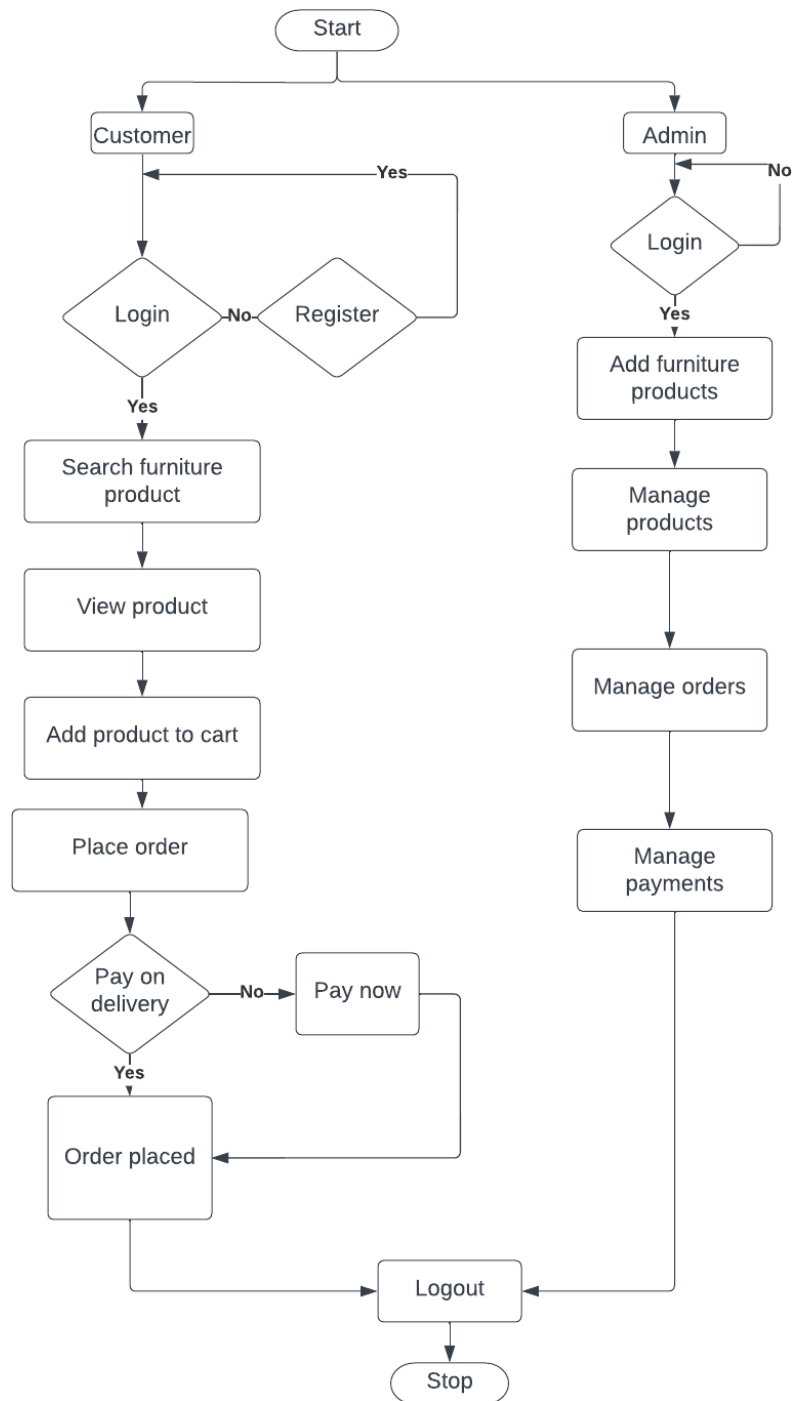
User Authentication module flowchart
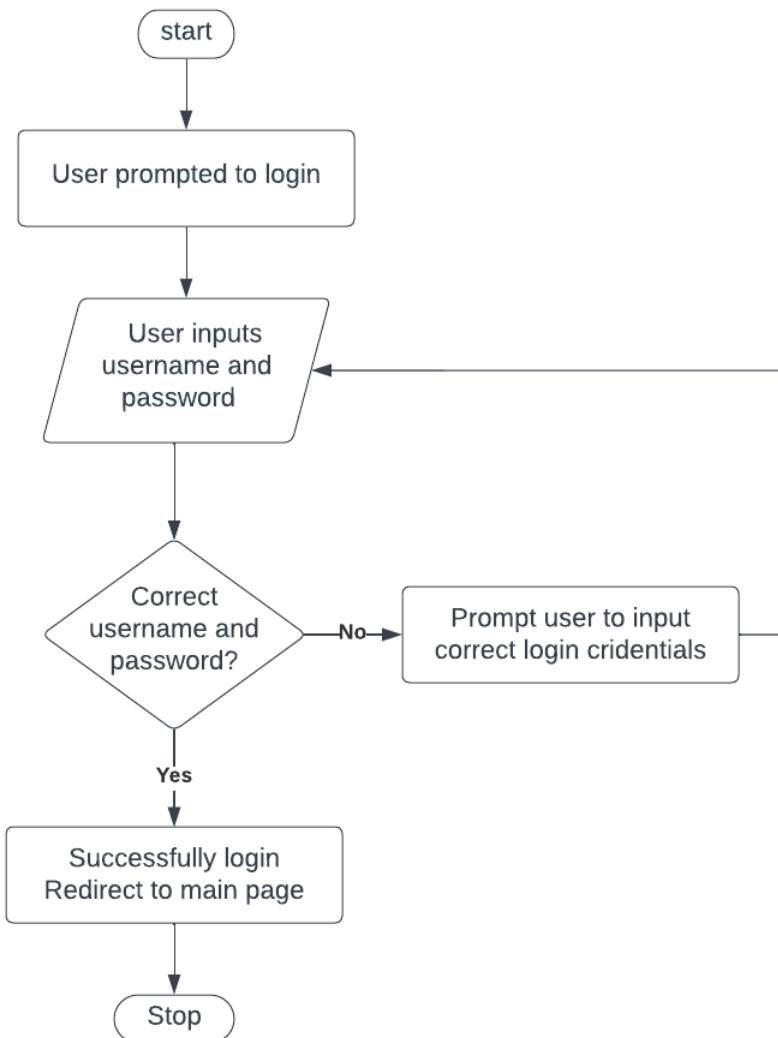
Add products to cart module

```
                    ( start )
                        |
                        v
        +-------------------------------+
        |      Add items to cart        |
        +-------------------------------+
                        |
                        v
        +-------------------------------+
        |          View cart            |
        +-------------------------------+
                        |
                        v
        +-------------------------------+
        | Manage items in cart (edit    |
        | quantity, remove item)        |
        +-------------------------------+
                        |
                        v
        +-------------------------------+
        |          Place order          |
        +-------------------------------+
                        |
                        v
              /-------------------\
              |   Is customer     |        No       +---------------------+
              |   logged in?      |---------------->|   Customer is       |
              \-------------------/                 |   prompted to login |
                        |                           +---------------------+
                       Yes                                     |
                        v                                      |
        +-------------------------------+<---------------------+
        |      Proceed to order         |
        |         placement             |
        +-------------------------------+
                        |
                        v
                    ( Stop )
```
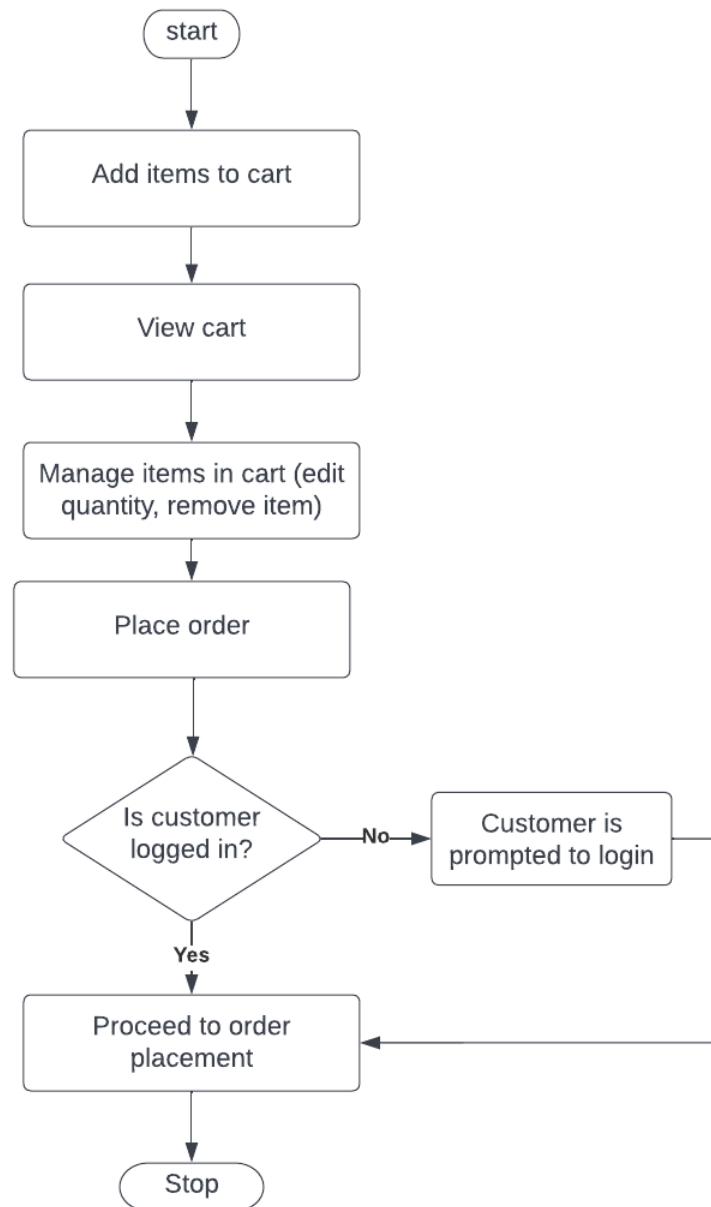
Place order module flowchart
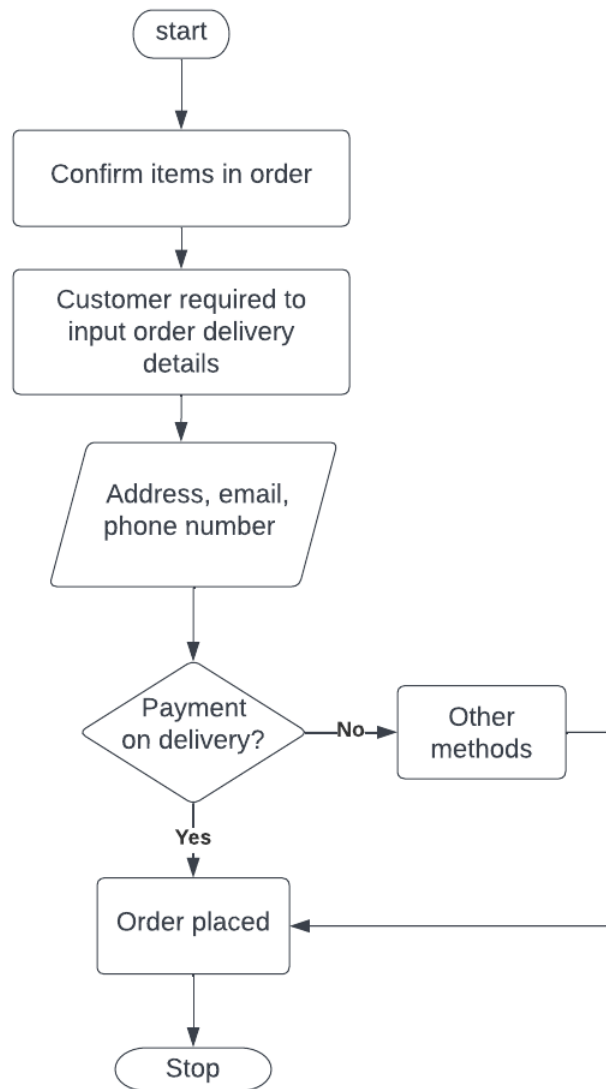
Admin add furniture products module flowchart

```
                    ( start )
                        │
                        ▼
            ┌───────────────────────┐
            │      Admin Login      │
            └───────────────────────┘
                        │
                        ▼
            ┌───────────────────────┐
            │   Successfully login  │
            │ Redirect to admin dashboard │
            └───────────────────────┘
                        │
                        ▼
            ┌───────────────────────┐
            │    Add furniture      │◄──────────┐
            │      product          │           │
            └───────────────────────┘           │
                        │                        │
                        ▼                        │
            ╱───────────────────────╲           │
           ╱    Product name,         ╲          │
          ╱  price, description,       ╲         │
          ╲      category             ╱          │
           ╲───────────────────────╱         Yes │
                        │                        │
                        ▼                        │
              ┌─────────────────┐                │
              │     Save        │                │
              │  product in     │                │
              │     DB          │                │
              └─────────────────┘                │
                        │                        │
                        ▼                        │
                  ╱──────────╲                   │
                 ╱  Want to   ╲──────────────────┘
                ╱ add another  ╲
                ╲   product    ╱
                 ╲────────────╱
                        │
                      No│
                        ▼
                    ( Stop )
```