PROJECT 1

Rohan Tikotekar

RollNo.333056

PRN.2210060

Assignment: Implement the state model with a suitable object-oriented language.

```
                                    Varify                        Valid
  ●───────▶ User Login ──────────▶ Verification ──────────▶ Access Account
                △                        │                          │
                │                        │ Invalid                  │ Successfully log-in
                │ Login                  ▼                          ▼
                └──────────────── Re-Login                        User
                                                          ┌─────────┴─────────┐
                                                          │                   │
                                                          ▼                   ▼
              Describe Doubt ◀───── Ask Doubt                           Answer Doubt
                    │              ╱         ╲                                │
                    │            ╱             ╲                              │
                    │     Add Tag          Provide doubt                      │
                    │        │                Link                           │
                    │        │                  │                            │
                    └────────┴──────────────────┴──────▶ Redirect to homepage ◀┘
                                                                  │
                                                                  ▼
                                                            View Doubts
                                                                  │
                                                                  ▼
        ◉ ◀───── LogOut ◀───── Update/Delete ◀───── View via tags
                                   doubt
```