System Activity Diagram:
Book Ticket

```
                        ●
                        │
                        ▼
              ┌───────────────────┐
              │ Navigate to home  │
              │       page        │
              └───────────────────┘
                        │
        ━━━━━━━━━━━━━━━━━┿━━━━━━━━━━━━━━━━━
        │                               │
   Select Movies                   Select Theaters
        │                               │
        ▼                               ▼
┌───────────────┐               ┌───────────────┐
│ View Movie List│              │View Theater List│
└───────────────┘               └───────────────┘
        │                               │
   Select Movie                    Select Movie
        │                               │
        ▼                               ▼
              ┌───────────────────┐
              │   View Movie &    │
              │    Showtimes      │
              └───────────────────┘
                        │
                 Select Showtime
                        ▼
              ┌───────────────────┐
              │    View Seats     │
              └───────────────────┘
                        │
                   Select Seat
                        ▼
                      ◇ User Status ◇
```

Create User ← Not a User — User Status — Not Logged In → User Login

Logged in   Logged in   Logged in

Add Ticket to Cart

Purchase Cart

Ticket added to User.
Email receipt and
ticket sent.