State Diagram (Pay Someone)

```
         ●
         │
         │ isOperating(programOperating== true)
         ▼
┌─────────────────────────┐
│    User Choice Menu      │
├─────────────────────────┤
│                         │
│   Do/ Select Customer    │
│                         │
└─────────────────────────┘
         │
         │ userChoice(choice == "Customer")
         ▼
┌─────────────────────────┐
│  Customer Verification   │
├─────────────────────────┤
│                         │
│ Do/ Enter Id and Password│
│                         │
└─────────────────────────┘
```

isVerified(verification == false)

isVerified(verification == true)

```
┌─────────────────────────┐                      ◉
│   Main Customer Menu     │
├─────────────────────────┤   customerChoice (choice ==  "Logout")
│                         │
│   Do/ Select "Pay an     │
│      Individual"         │
└─────────────────────────┘
```

customerChoice (choice == "Pay Individual")

choiceSelection(selection == "Go back")

```
┌─────────────────────────┐              ┌─────────────────────────┐
│    Account Selection     │              │      Pay Function        │
├─────────────────────────┤              ├─────────────────────────┤
│                         │ choiceSelection(selection == │                 │
│   Do/ Select Account to  │   "checking")│   Do/ Enter pay amount   │
│      send funds to       │ choiceSelection(selection == │                 │
│                         │   "savings") │                         │
└─────────────────────────┘              └─────────────────────────┘
```

isValidPayment(payment > 0)
isValidPayment(payment < currentBalance)

isValidPayment(payment < 0)
isValidPayment(payment > currentBalance)

```
┌─────────────────────────┐
│     Pay Verification     │
│  Do// Enter recipient's  │   isVerified(verification == true)
│       Full Name          │
└─────────────────────────┘
```

isVerified(verification == false)