FlowChart

```
                          ┌─────────┐
                          │  Start  │
                          └────┬────┘
                               │
                               ▼
  ┌──────────────────────┐          ┌──────────────────────┐
  │ Pull out a charged    │         │ Enter Cart Code at    │
  │ cart                  │         │ Self-checkout         │
  └──────────┬───────────┘         └──────────┬───────────┘
             │                                 │
             ▼                                 ▼
  ┌──────────────────────┐         ┌──────────────────────┐
  │ Shopping (scan on)   │         │ Send Purchase list to │
  └──────────┬───────────┘         │ self-checkout         │
             │                     └──────────┬───────────┘
             ▼                                 │
      ◇ Put in a item in cart ◇  Yes → Scan off│
        with Load cell                          ▼
             │ No                    ◇ Is there a product ◇ Yes → An alarm goes off to
             ▼                        under surveillance        an employee, and an
  ┌──────────────────────┐           (ex: Alcohol)             employee checks his ID.
  │ Scan Barcode         │                │ No                        │
  └──────────┬───────────┘                ▼                           │
             │                     ┌──────────────┐                   │
             ▼                     │     Pay      │◄──────────────────┘
      ◇ Put in a item in cart ◇ No → Scan off
        with Load cell                 │
             │ Yes                     ▼
             ▼                   ┌─────────┐
      ◇ Finish shopping? ◇ No    │   End   │
                                 └─────────┘
```