





```
Enum user_role {
  CITIZEN
  COLLECTOR
  RECYCLER
  GOVT
  ADMIN
}
```

```
Enum device_state {
  ACTIVE
  RECYCLING_REQUESTED
  COLLECTOR_ASSIGNED
  COLLECTED
  DELIVERED_TO_RECYCLER
  RECYCLED
  DISPUTE_PENDING
  CANCELLED
}
```

```
Enum uid_origin {
  MANUFACTURER
  SYSTEM
}
```