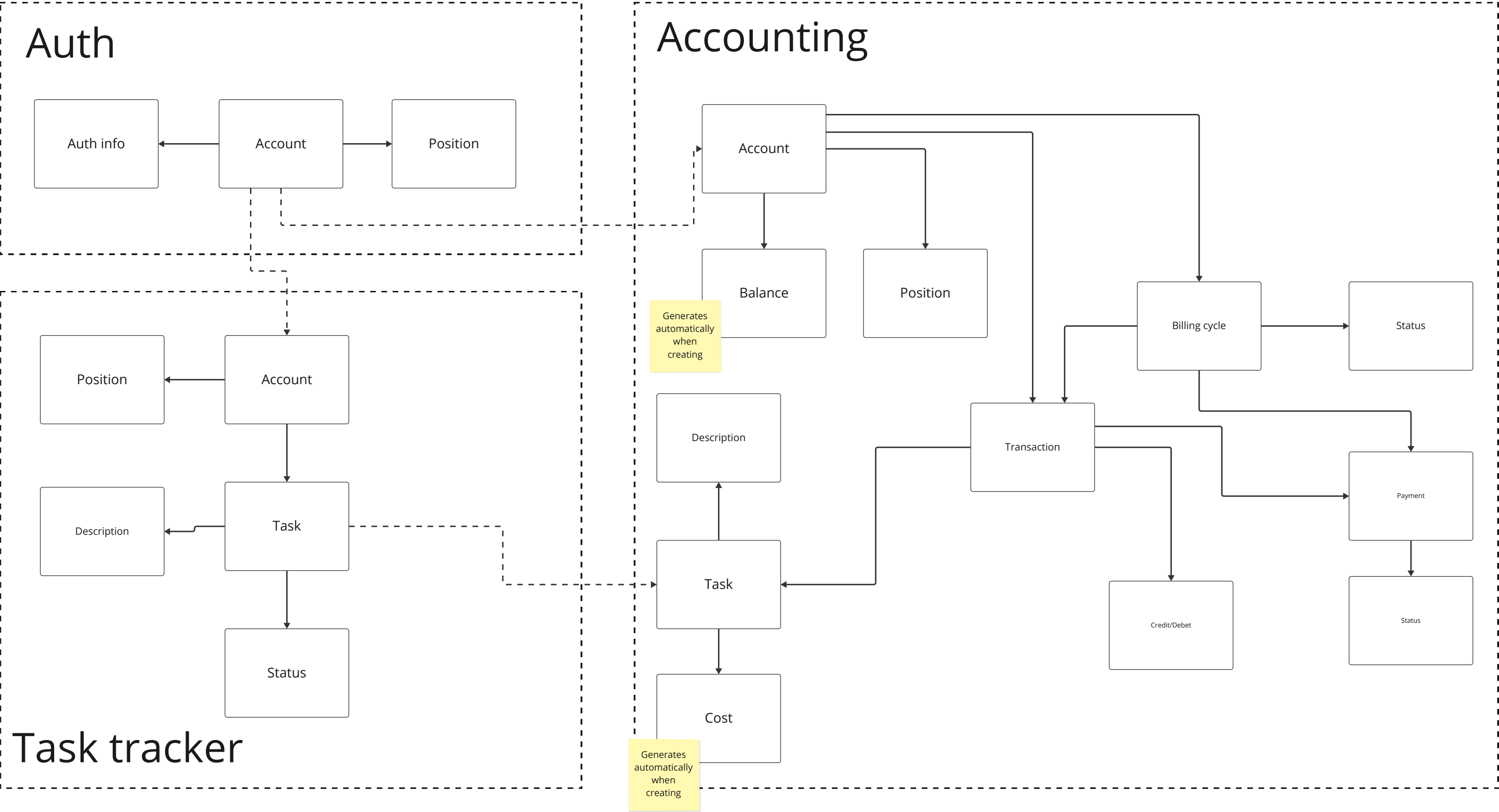# Home work #1. Data model

# Home work #1. Event Storming

**Legend:**
- Query (green)
- Actor (yellow)
- Cmd (blue)
- Domain Event (orange)
- Policy (purple)
- System (pink)

## Auth

- **CUD event** — AccountCreated

| Actor | Cmd | Domain Event |
|-------|-----|--------------|
| any | Register Account | Account Registered |
| admin | Change Account Position | Account Position Changed |

- **CUD event** — AccountUpdated
- **CUD event** — AccountDeleted

## Task tracker

- **Task consumer:** AccountCreated, AccountUpdated, AccountDeleted
- **CUD event** — TaskCreated

| Actor | Cmd | Domain Event |
|-------|-----|--------------|
| any | Create Task | Task Created |
| admin | Shuffle tasks | Tasks Assigned |
| worker | Close Task | Task Closed |

## Accounting

- **Accounting consumer:** AccountCreated, AccountUpdated, AccountDeleted
- **Accounting consumer:** TaskCreated

**CRON**
- Close Billing Cycle → Billing Cycle Closed → Account Payout → Payment Completed

- Create Assign Transaction → Assign Transaction Created (Enrollment type)
- Create Close Transaction → Close Transaction Created (Withdrawal type)