Activity Diagram for Check-in

Crownpass Holder
- Shows their CP on mobile

Area Operation Staff
- Manual check of CP photo against the CP holder
  - No Match → Customer is asked to leave
  - Match → Scan Crownpass QR/barcode
- Customer is let into the area

System
- Find data associated with the barcode
- Compare customer state with area entry condition
  - No Match → Display an error (Entry Condition Mismatch)
  - Match → Check area capacity
    - Limit Reached → Display an error (Area Capacity Limit Reached)
    - Limit Not Reached → Add scanned crownpass holder QR to a list of people currently in the area
- Display an information that holder can be let into the area
- Increase Capacity (+1)