Team 74 X

Sign in (arrow) → **<<service provider>> Sign in**
- Sign in
- Cancel

<<Controller>> Authentication
- Check sign in

Check fail → (back to Sign in)
Check pass → **<<interface>> Dashboard**
- View inventories
- View locations
- Settings

<<interface>> Welcome
- Sign in
- Sign up

Sign up (arrow) → **<<service provider>> Sign up**
- Sign up
- Cancel

View settings → **<<interface>> Settings**
- Change settings
- Sign out
- Cancel

Change settings → **<<service provider>> Change Settings**
- Update info
- Cancel

Sign out → **<<Service provider>> Sign out**
- Sign out

Back to welcome screen → **<<interface>> Welcome**

Create account →
- **<<info holder>> User** — Name, Email, Password
- **<<info holder>> Admin** — Name, Email, Password
- **<<info holder>> Manager** — Name, Email, Password
- **<<info holder>> Employee** — Name, Email, Password

View inventory → **<<Structurer>> Inventory**
- Items
- CRUD items

1 has * → **<<info holder>> Item** — Name, ID

View locations → **<<Structurer>> Locations**
- Location
- CRUD location

1 has * → **<<info holder>> Location** — Name, URL to map

Cardinality Constraints

Admin   1 control * Users
Admin 1 control * Locations
Manager 1 control * Locations
Location Employee 1 control * Inventories

Brainstorming and filtering classes

Entities

User
Location Employee
Manager
Admin
Item
Location

Service Provider

Sign in
Sign up
Sign out
Location – Add, remove, update
Item – add, remove, update
Authentication
User – search,
Lock/unlock

Structurer

Inventories
Locations

External Interface

Welcome Screen
Dashboard
Settings screen

Internal Interface

Model (how one
service interact with
another service)