

Architecture of Semantic Approach to Modelling a Consumer Electronics Enterprise

Mentor: **Michael Galkin**

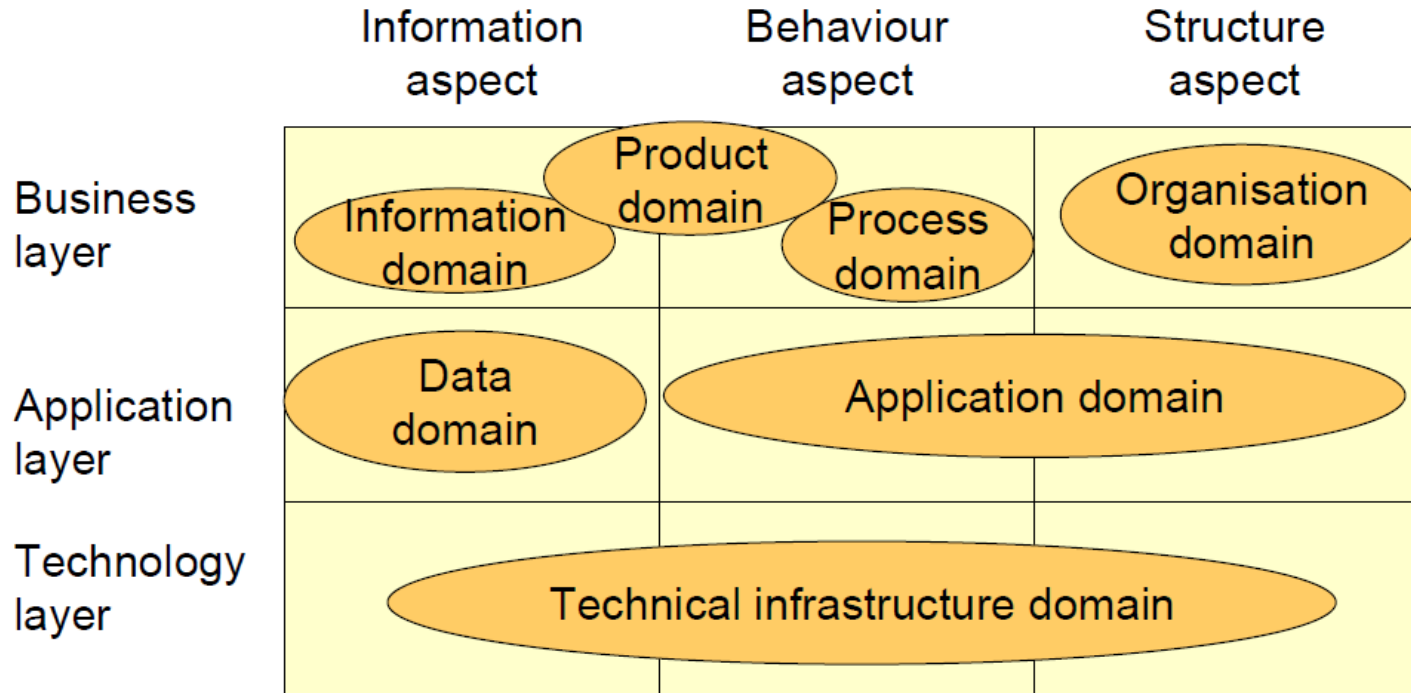
Group: **Shirin Ameri**

Shiva Shokuhi

Eliza Koshtoyan

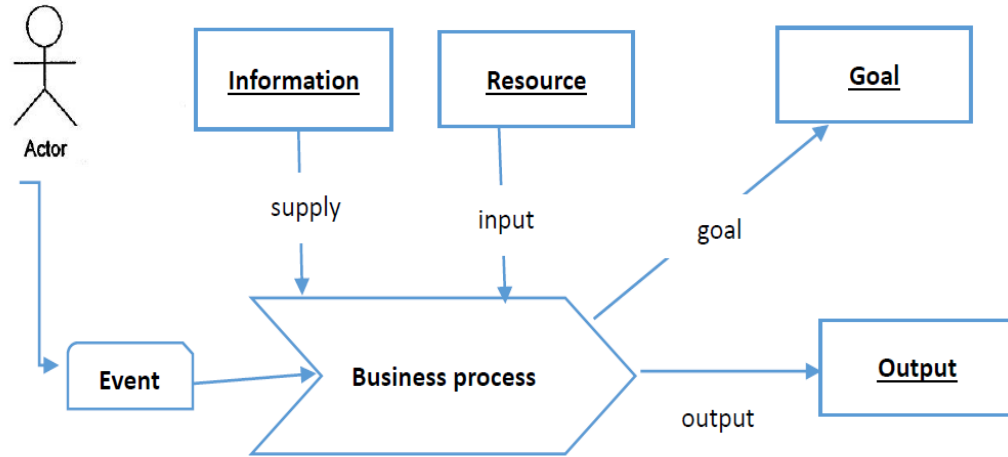
Yi Chen

Architectural Framework

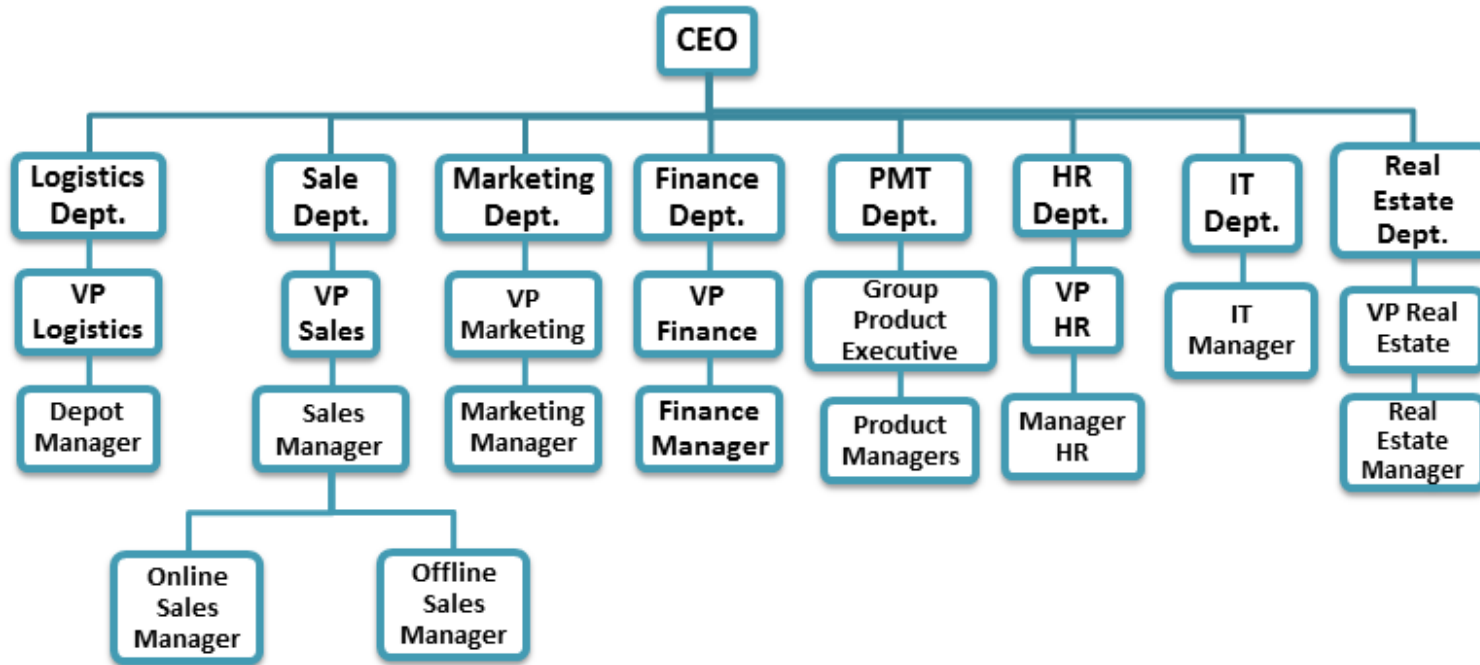


The Business Process Model

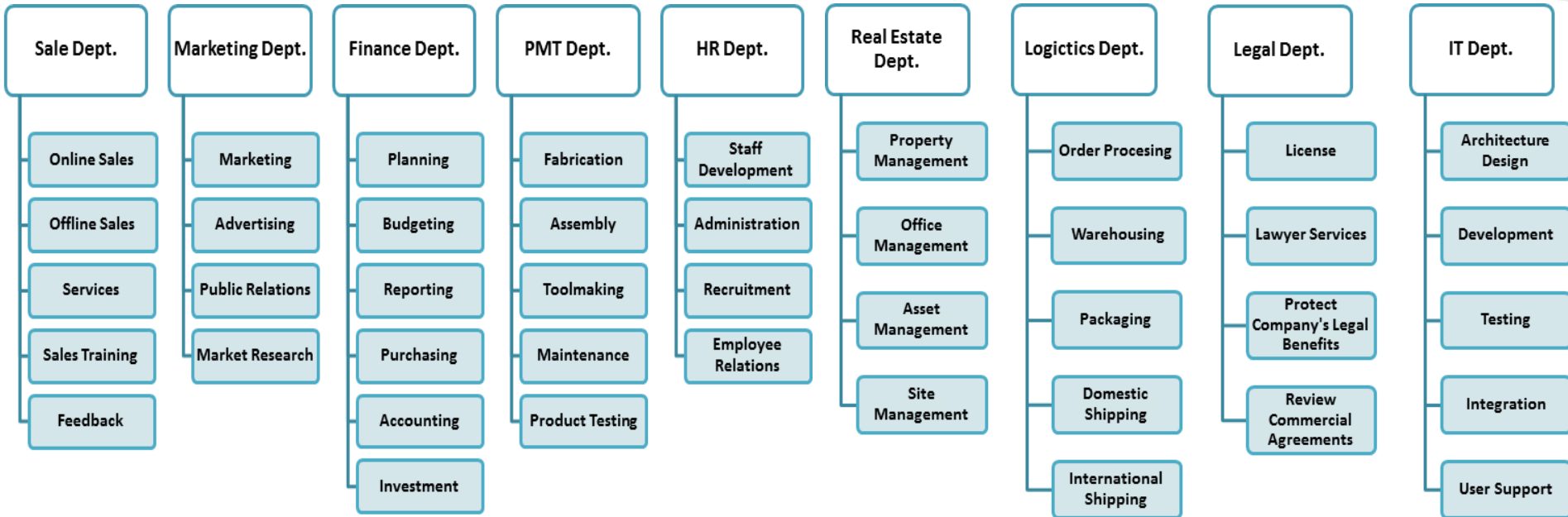
1. Has a Goal
2. Has specific inputs
3. Has specific outputs
4. Uses resources
5. Has a number of activities
6. May affect more than one organizational unit.
7. Consider possible risks and losses of a process



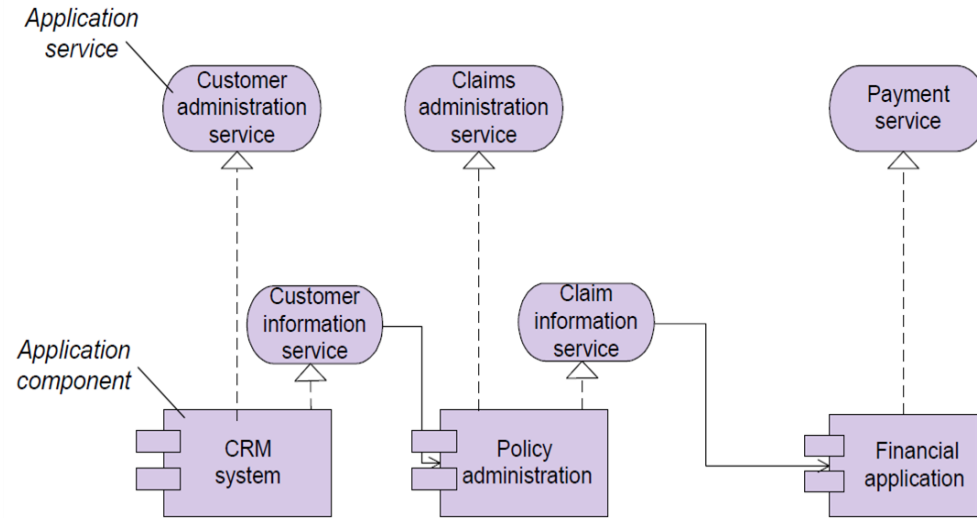
Organisational Structure



Functional Structure

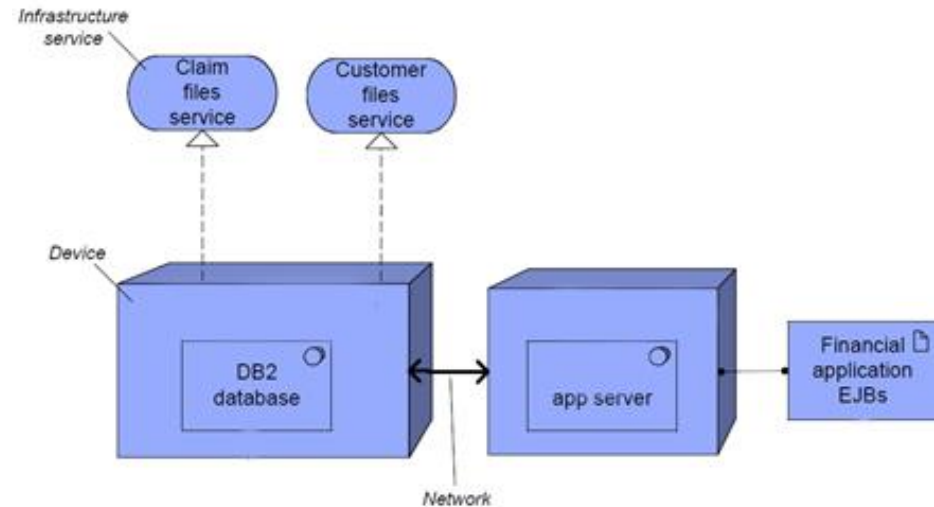


Application & Technology Architecture



Application Architecture example

Technology Architecture example



Milestone & Roles

Developing EA: End of July

Ontology Approach : End of August

Roles:

Leader: Shirin Ameri

Organizational Architecture: Eliza
Koshtoyan

Business process model: Shirin Ameri

Sale, Finance and logistics Architecture:
Shiva Shokuhi & Yi Chen

Ontology : All members