

Architecture of Distributed Systems 2015-2016

Homework assignment 1

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Exercise

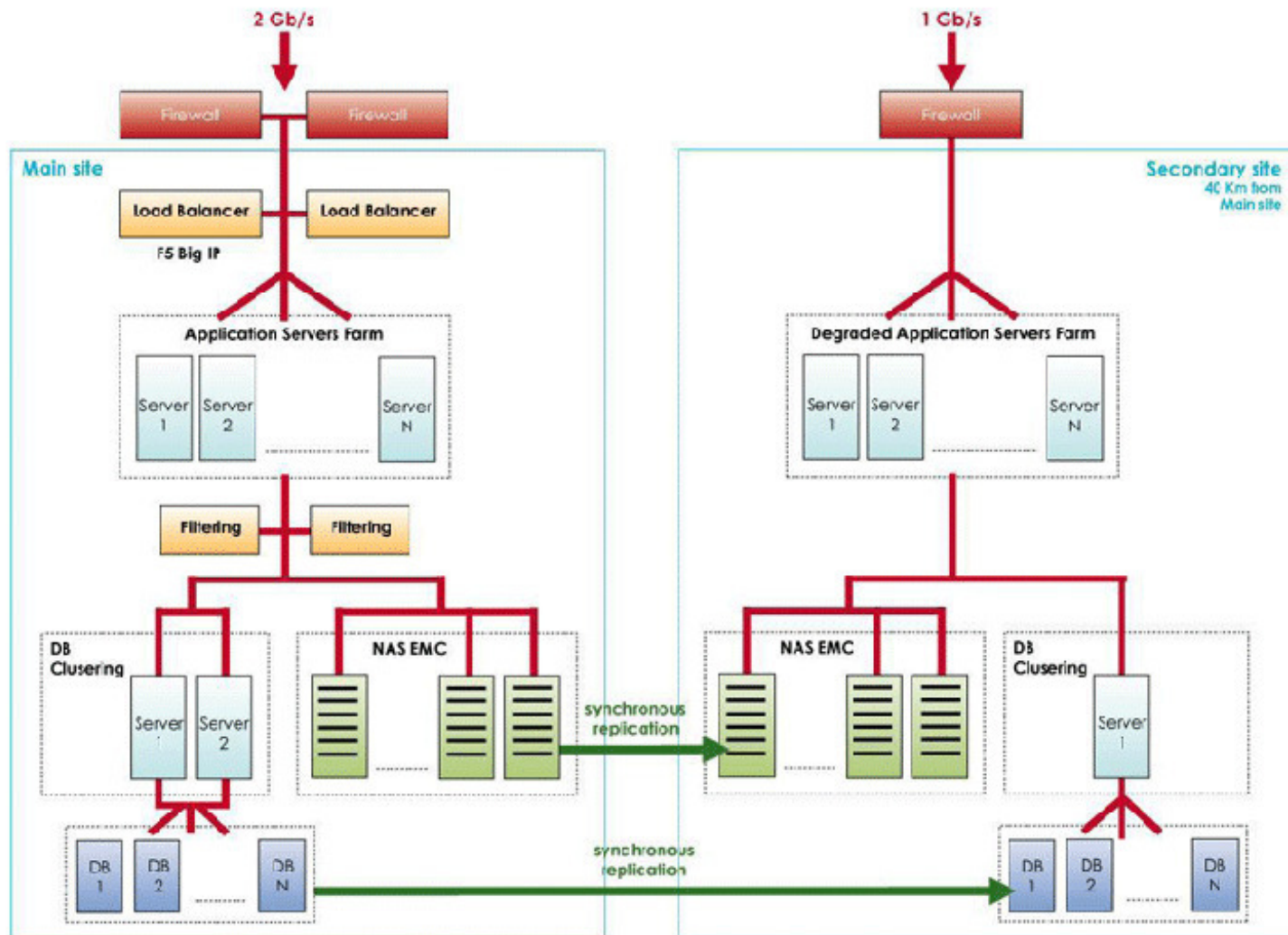
Consider the models on the following slides and answer the following questions. Each model is provided with a hyperlink to acknowledge its source and for additional information.

1. What building blocks do you see? What do they represent? Are they conceptual or physical?
2. Same questions as 1, but now for connectors?
3. To which views (1..*) does the model belong?
Motivate why, and identify corresponding stakeholders and their concerns.
4. Which of the following EFRs are addressed (Y + motivation | N)?
Performance/scalability, availability/reliability, security, maintainability, other?
5. Is there a concept of distribution (Y + motivation | N)?
6. Comment on the clarity/semantics of the diagram
😊 | 😐 | ☹ , plus motivation

Keep you answers crisp!

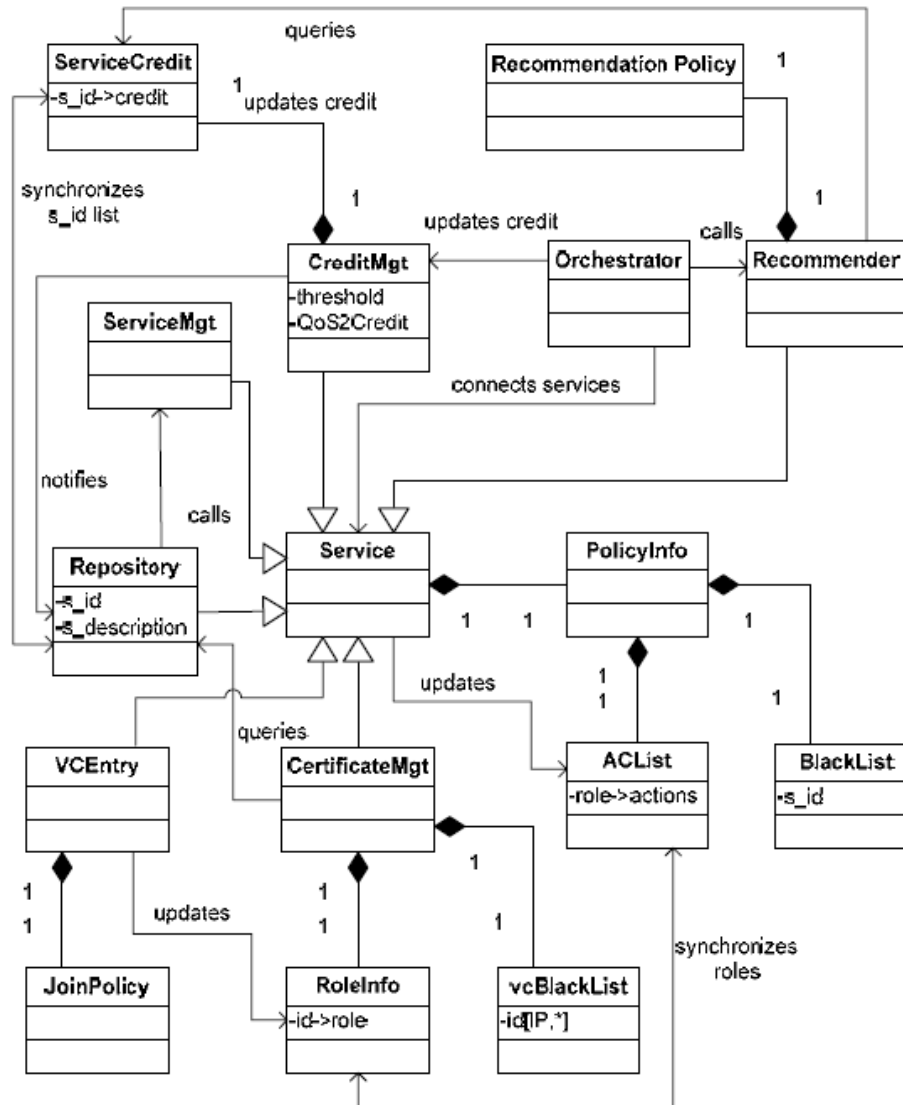
Taken from:

<http://en.oodrive.com/en/hosting/saas-mode> (no longer available?)



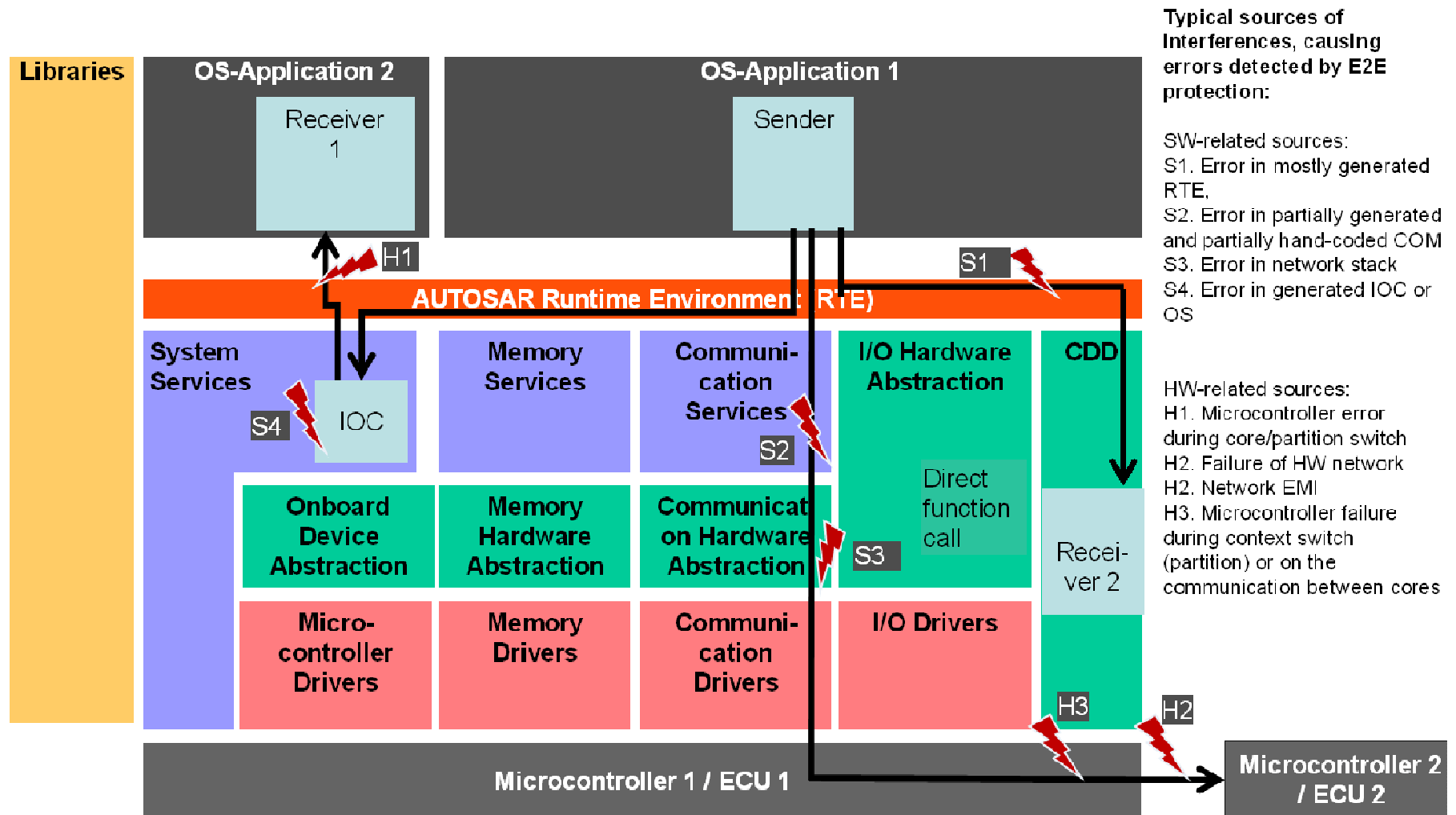
Taken from:

[VICSDA: using virtual communities to secure service discovery and access](#)



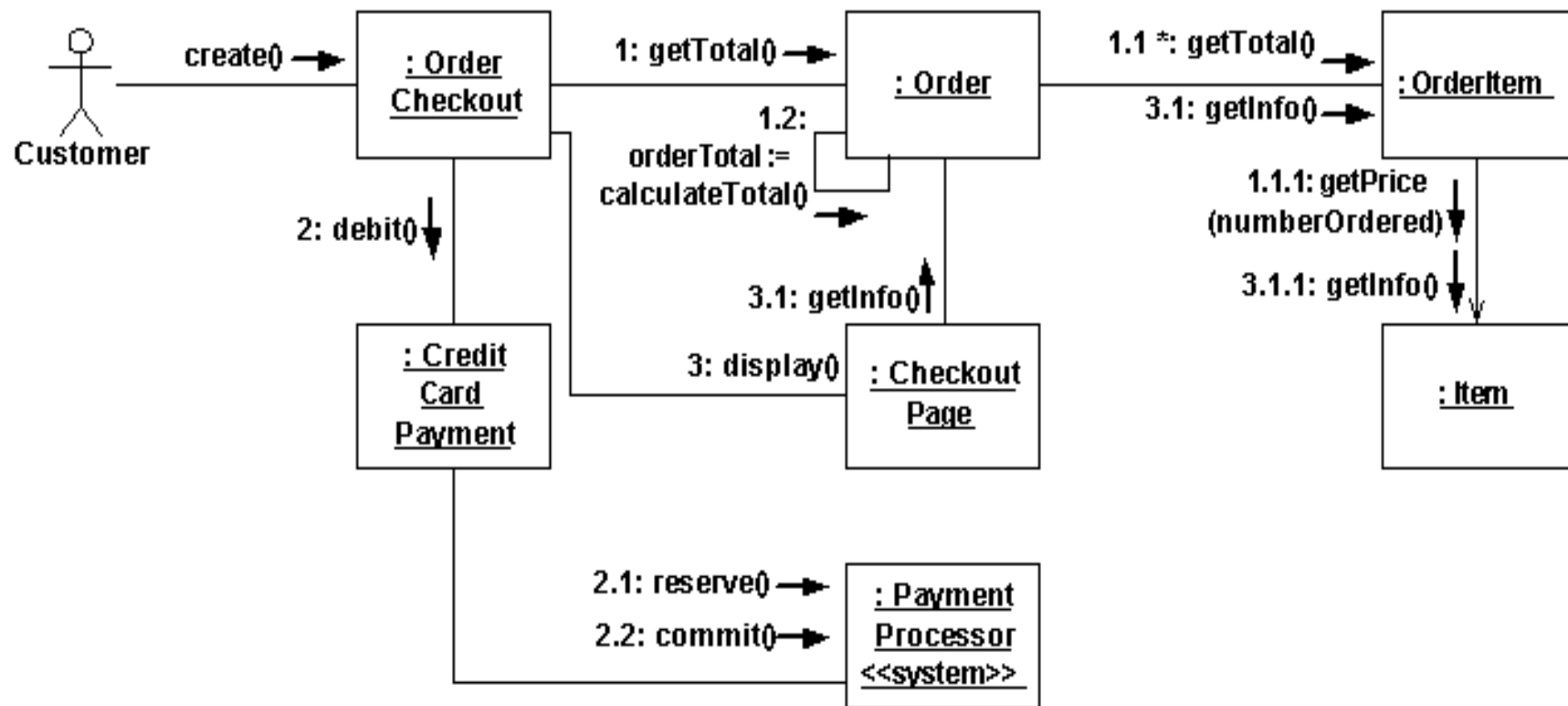
Taken from:

http://www.eetimes.com/document.asp?doc_id=1278566



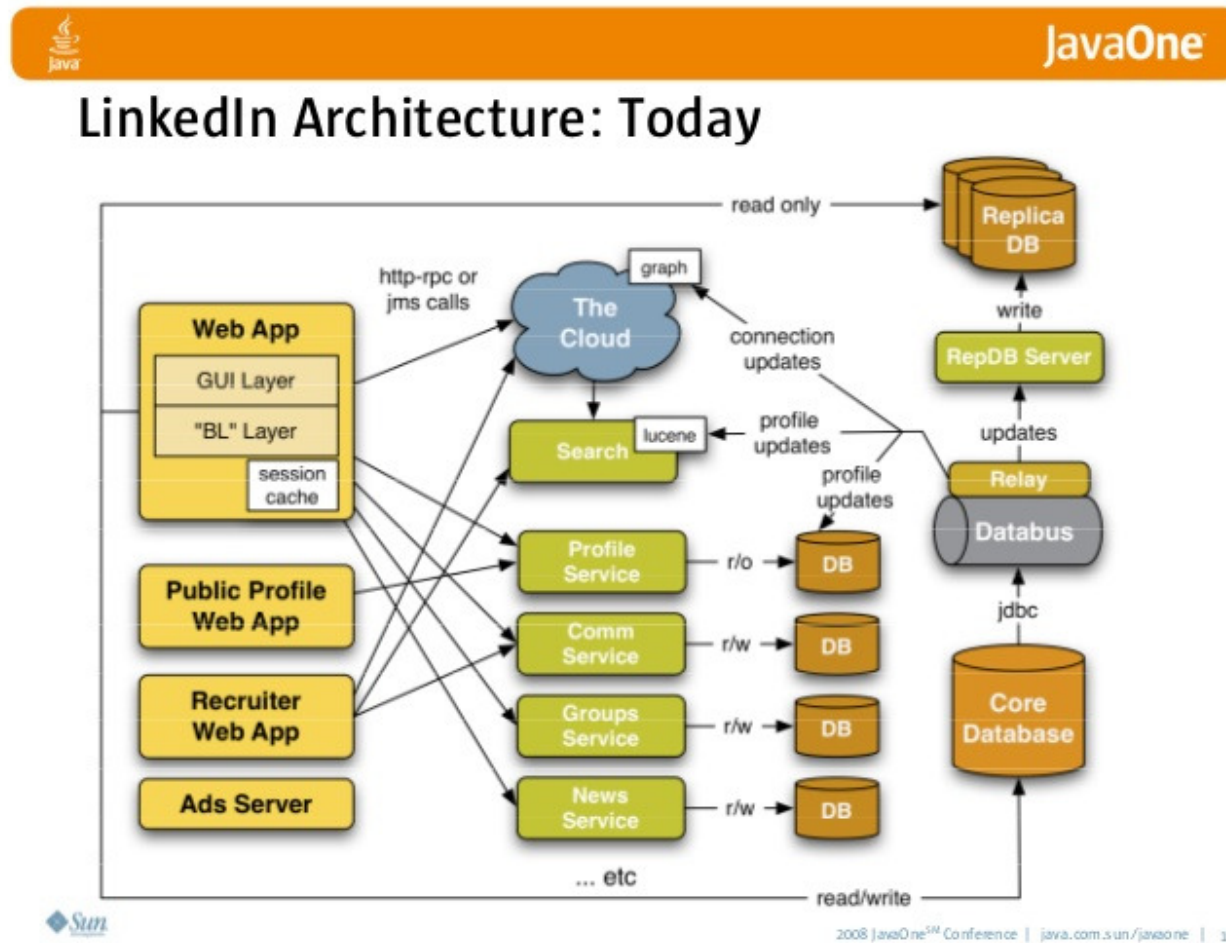
Taken from:

<http://www.agilemodeling.com/style/collaborationDiagram.htm>



Taken from:

<http://www.slideshare.net/linkedin/linkedins-communication-architecture>



Taken from:

<http://www.ehrdoctors.com/medibridgenet/nwhin-connect/architecture/>

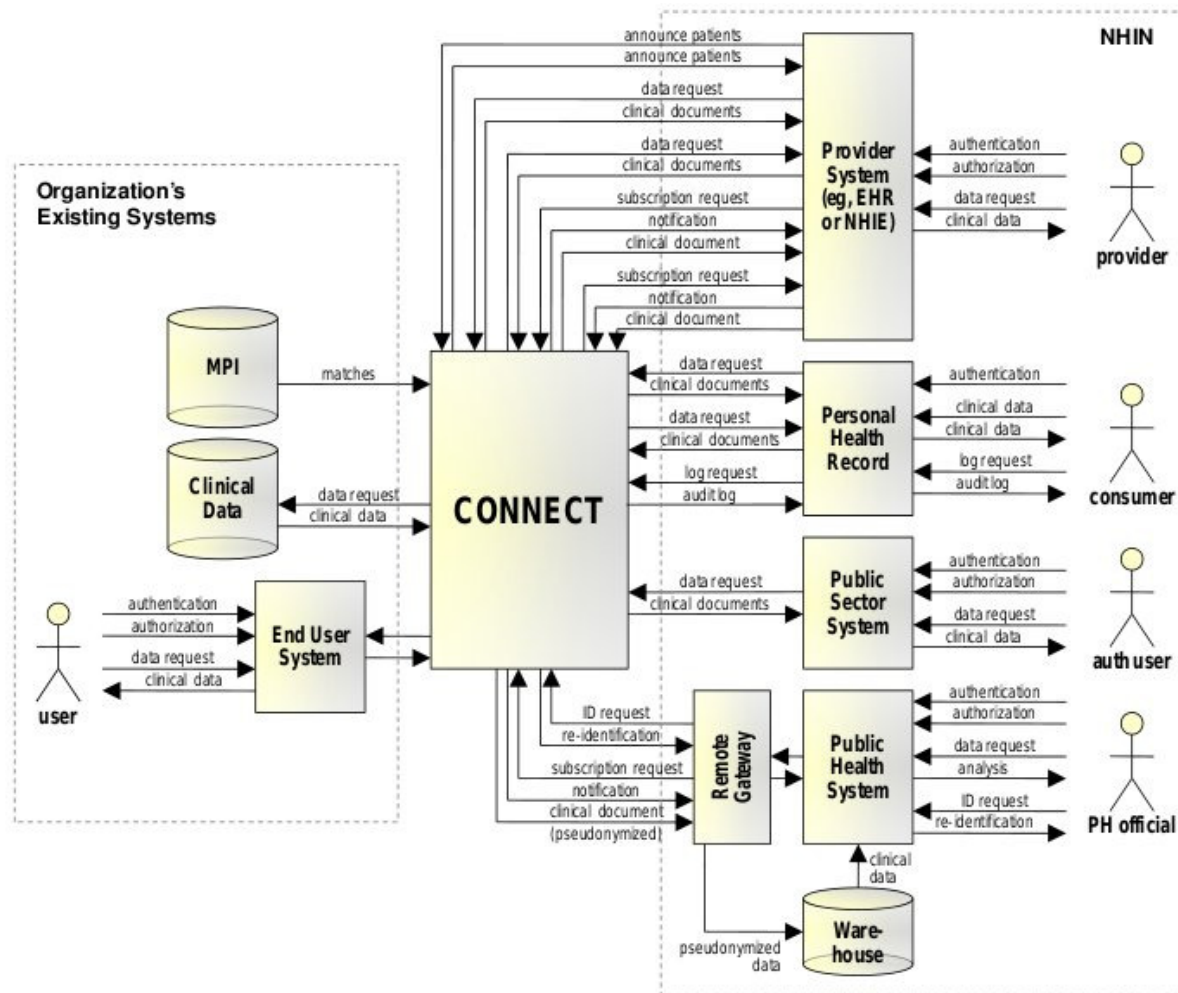
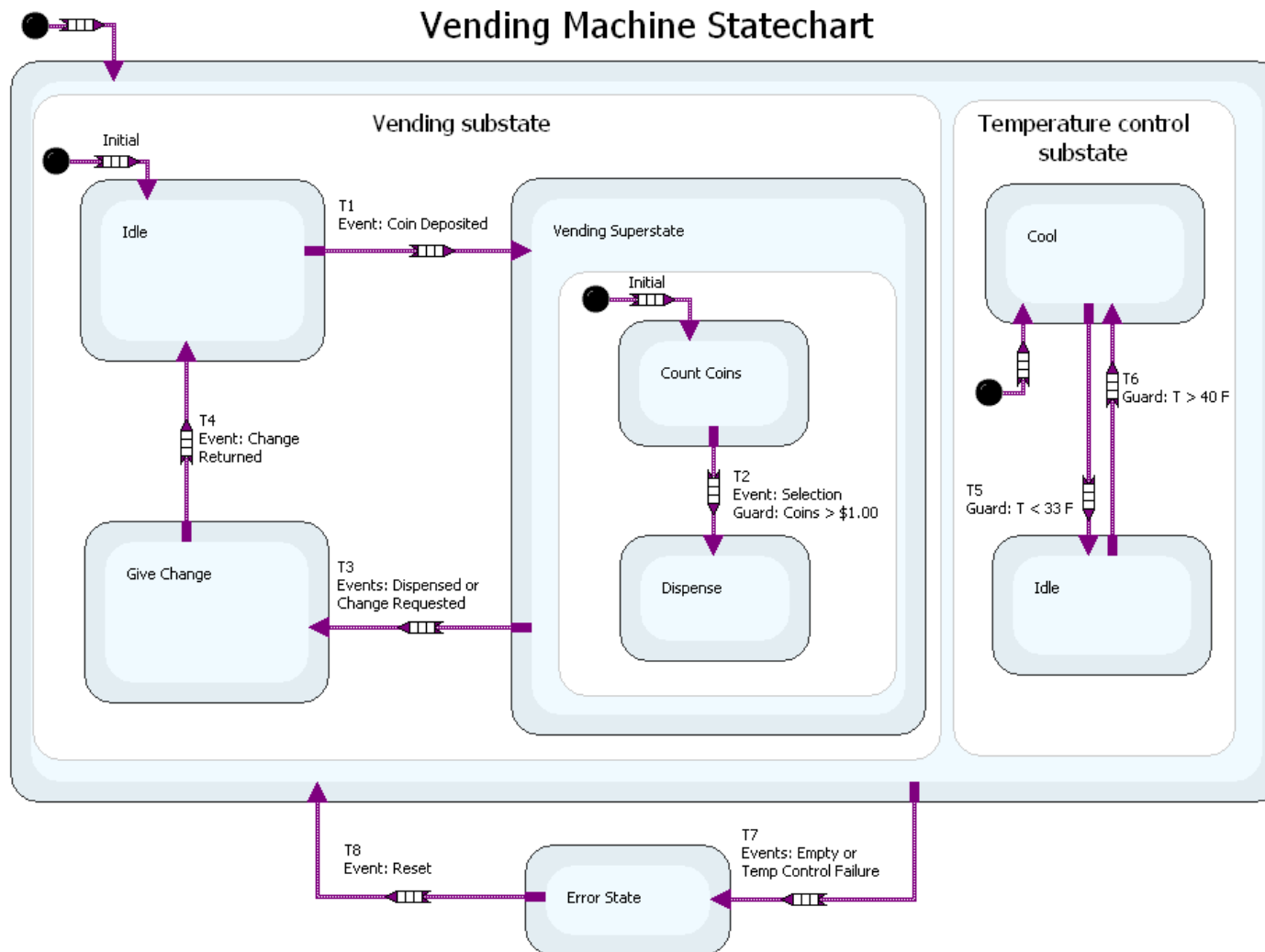


Figure 3-2 Summary context diagram for CONNECT, illustrating its interaction with other entities.

Taken from:

<http://www.ni.com/white-paper/6194/en/>



Taken from:

https://wiki.sei.cmu.edu/sad/images/5/54/ConsumerWebsiteC%26CRefinementUsingInformal_PP.png

