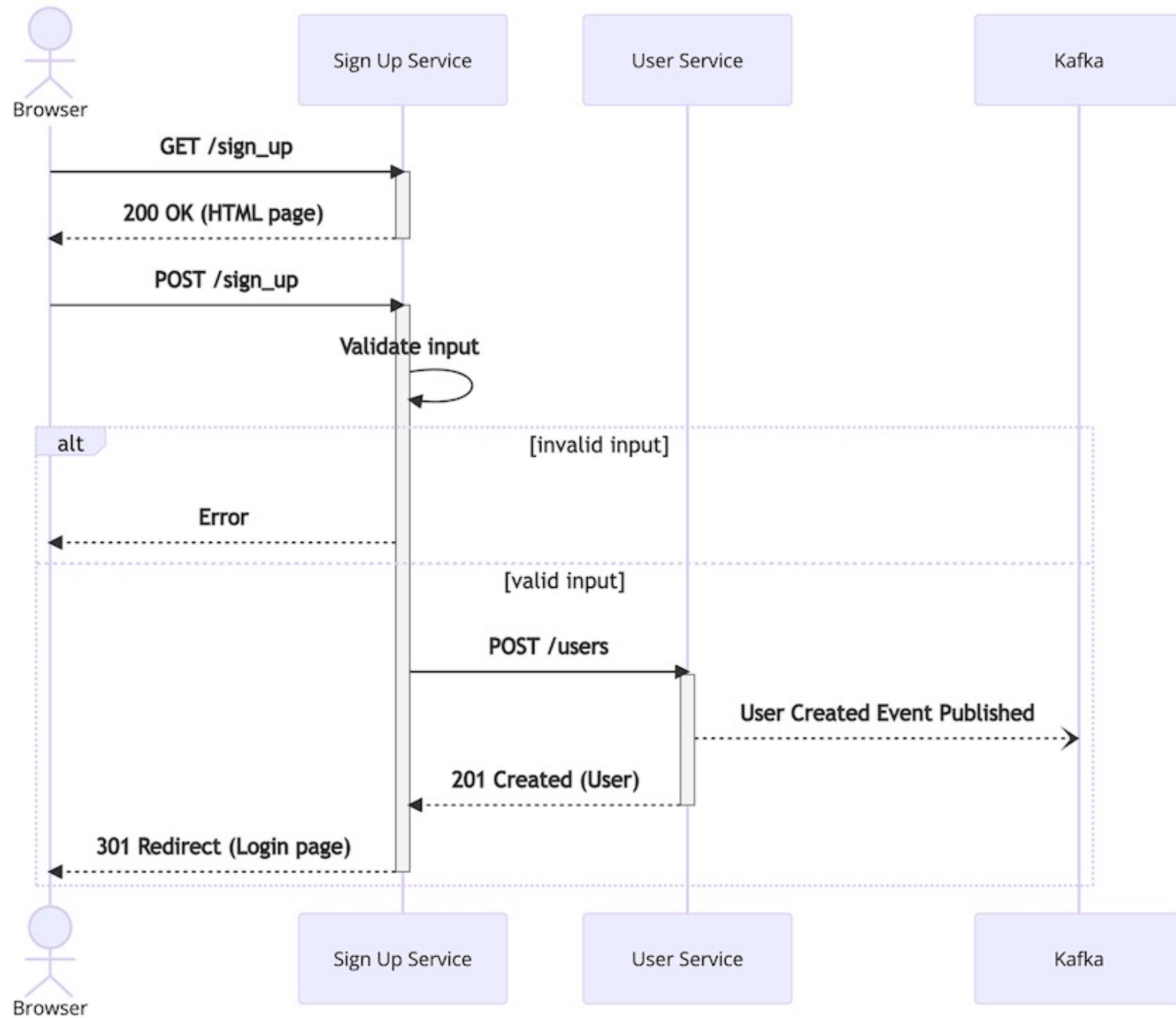


ASis: diagramas principais para o teste intermédio

- As questões de interpretação de diagramas incidirão essencialmente sobre os diagramas aqui incluídos
- Os diagramas aparecem juntamente com as pergunta no teste do Moodle. (Este PDF não é para levar para o teste.)
- A disponibilização prévia serve para os alunos se familiarizarem e assim compensar alguma dificuldade que possa haver com a leitura dos diagramas em ecrãs pequenos.

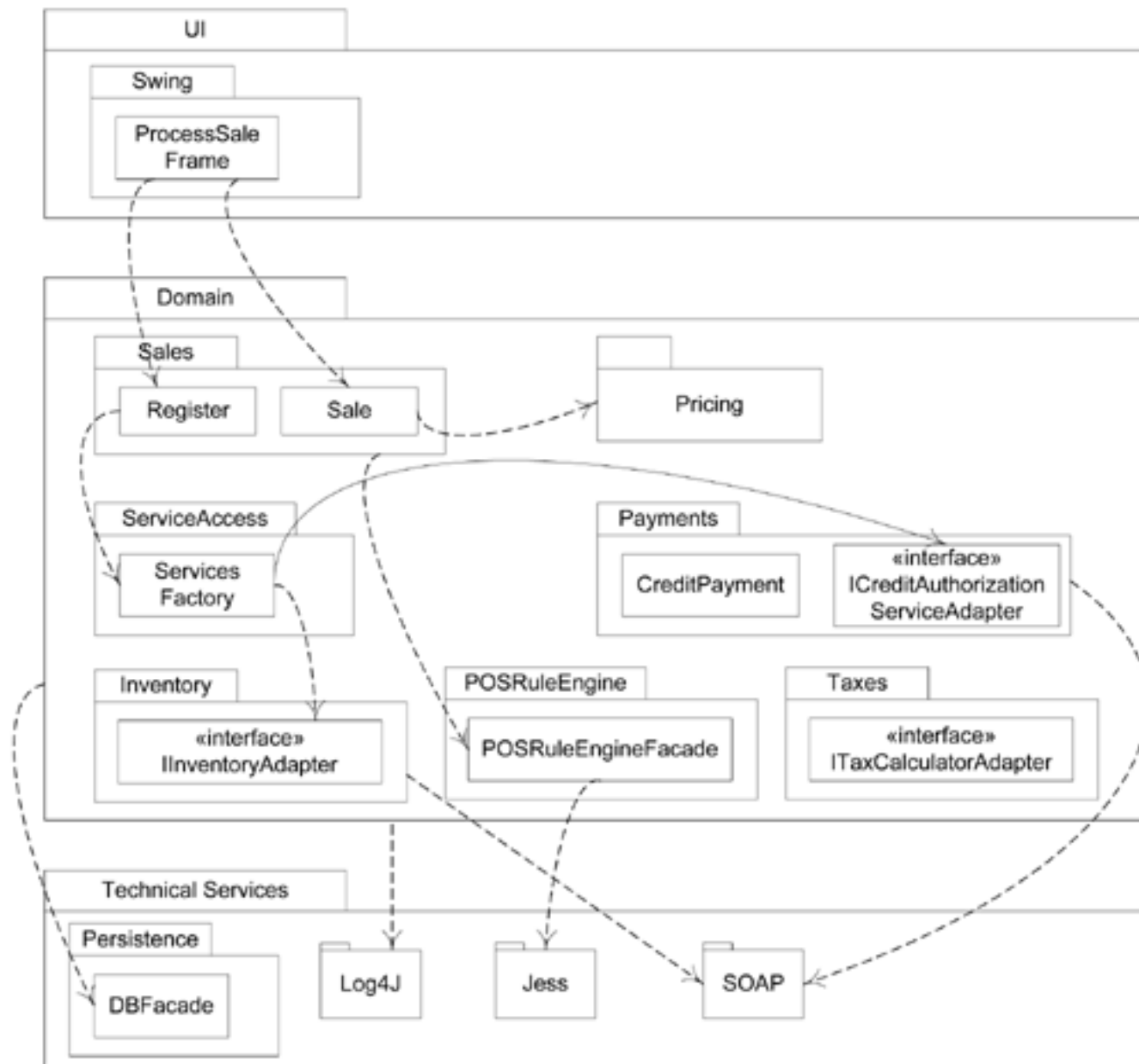
User Sign Up Flow



Fluxo de sign-up de um serviço.

Adaptado de:

https://learning.oreilly.com/library/view/creating-software-with/9798888650219/f_0039.xhtml#d24e1694



Vista lógica da estrutura de uma aplicação de POS (*point of sale*).

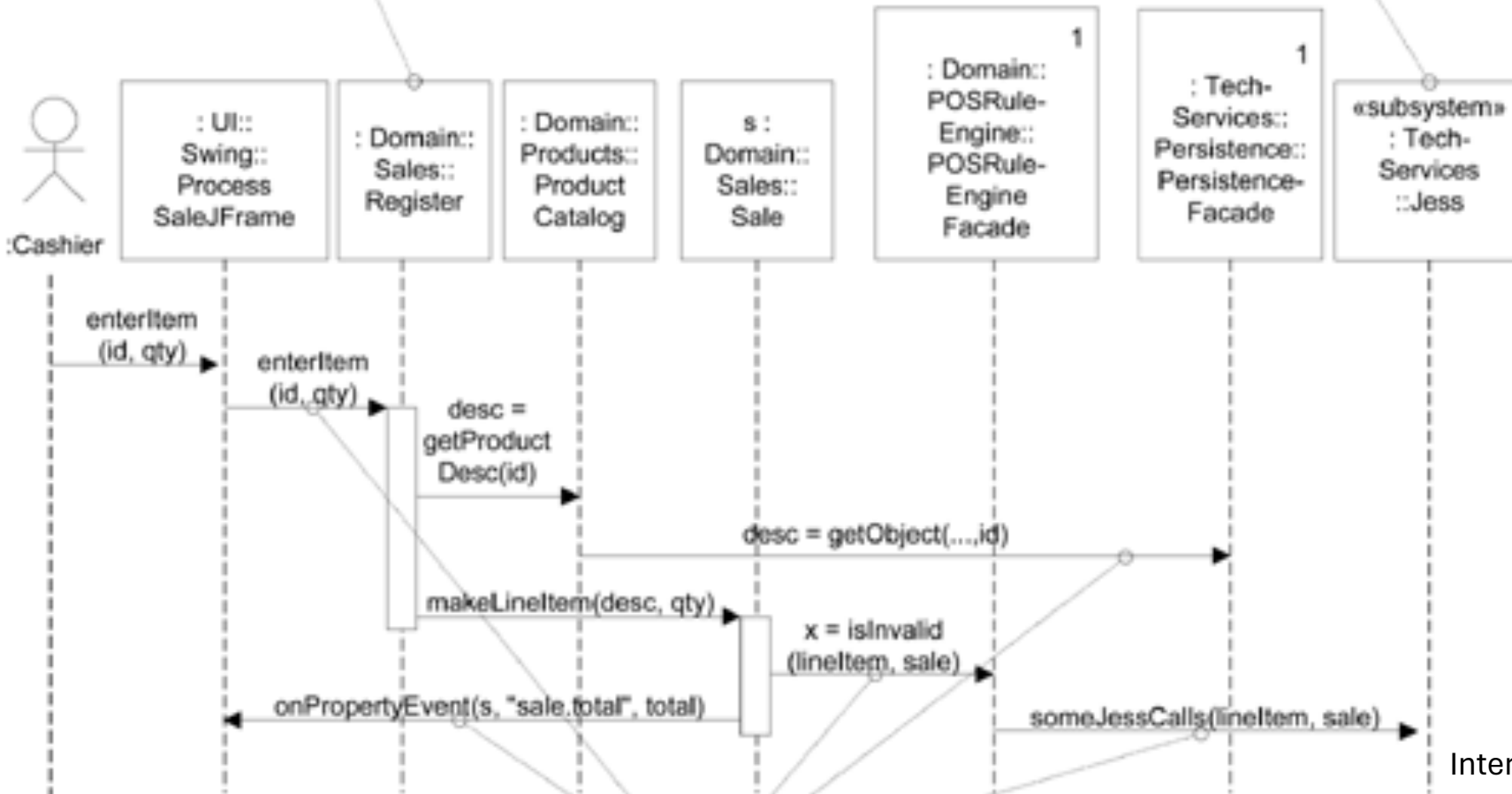
Adaptado de:

<https://learning.oreilly.com/library/view/applying-uml-and/0131489062/ch34.html#ch34lev1sec2>

UML notation: UML path name to indicate packaging

UML notation: Note that a subsystem can be modeled as an object in the UML.

This is useful in this case where I don't know or want to describe the details of how the Jess rule engine works, but just want to show collaboration with it.

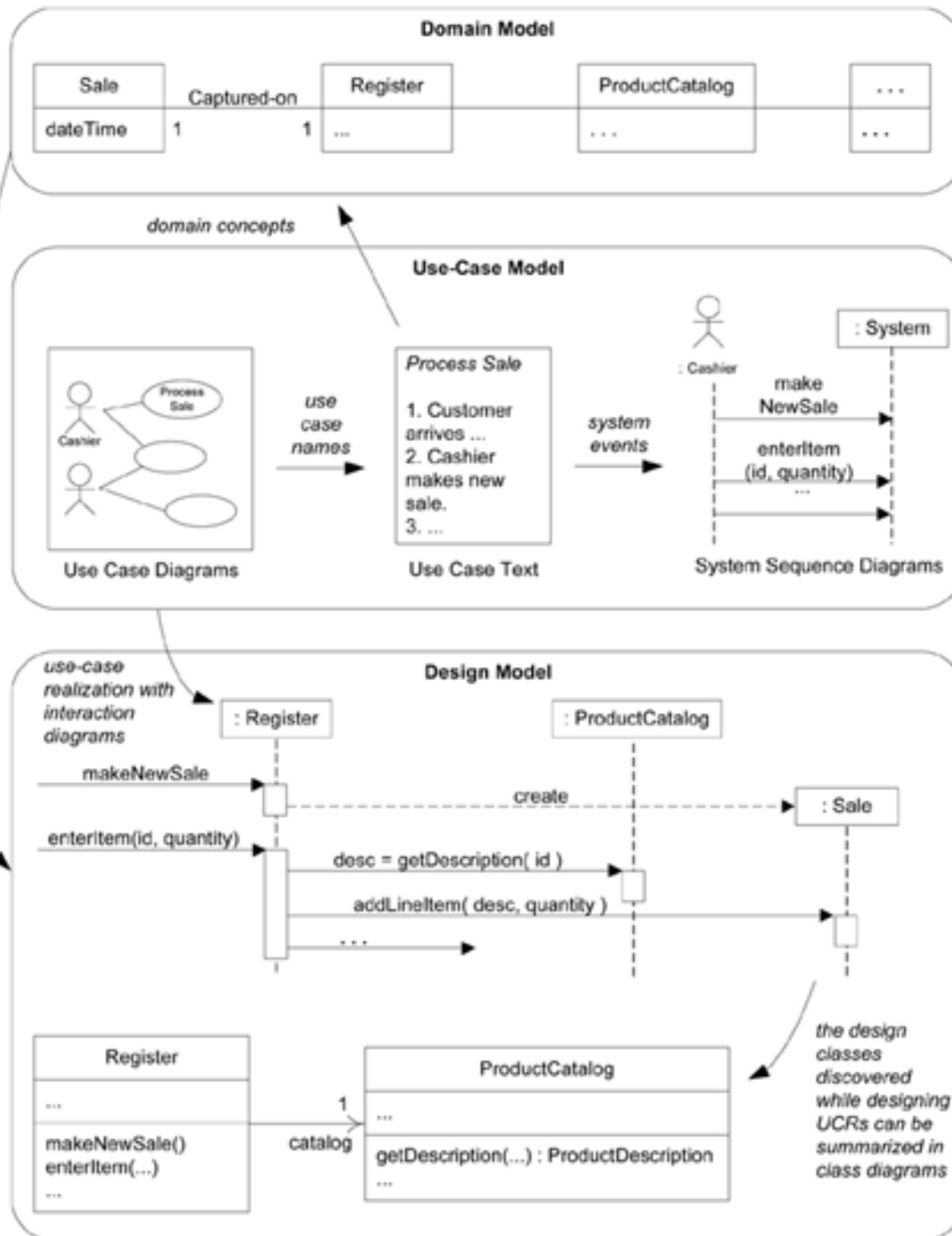


Points of crossing interesting boundaries or layers. These are especially noteworthy for people who need to understand the system, and thus are highlighted in this diagram. This diagram supports communicating the logical view of the architecture (a UP term) because it emphasizes architecturally significant information.

Interações significativas entre elementos de uma arquitetura (da página anterior). Adaptado de: <https://learning.oreilly.com/library/view/applying-uml-and/0131489062/ch34.html#ch34lev1sec2>

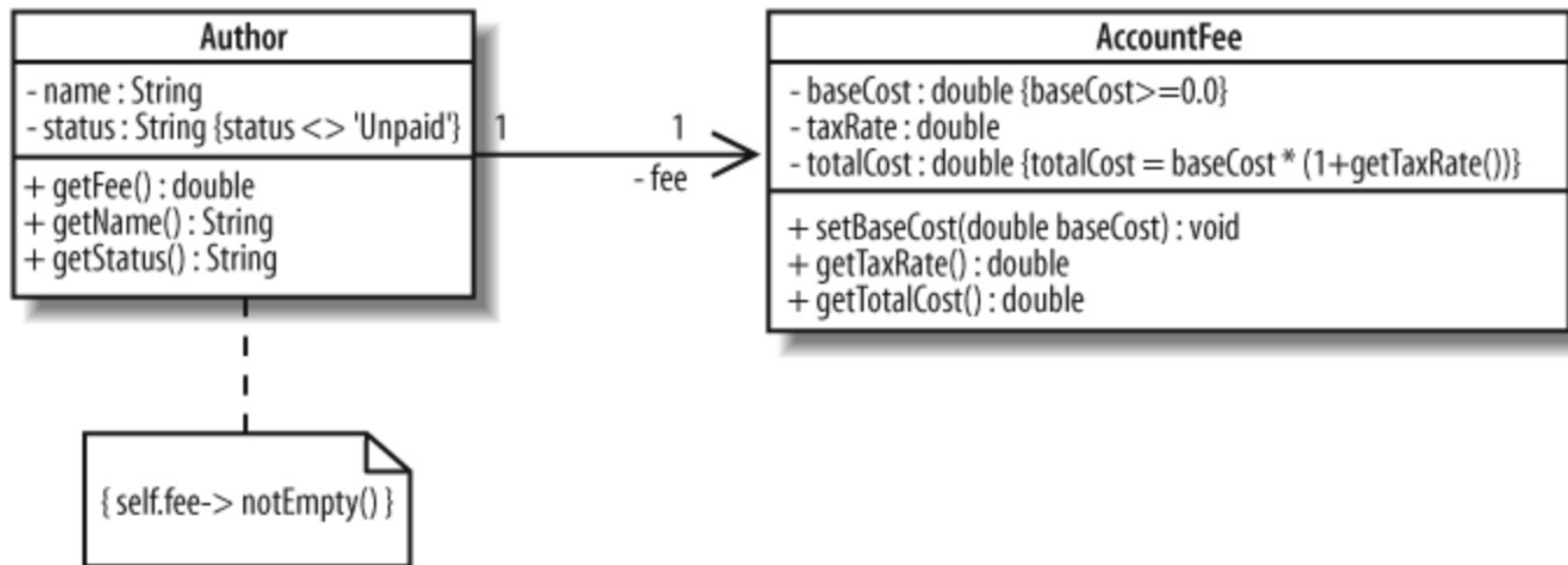
Sample Unified Process Artifact Relationships

conceptual classes in the domain inspire the names of some software classes in the design



Visão geral da aplicação da UML no Unified Process e principais relações entre os modelos.

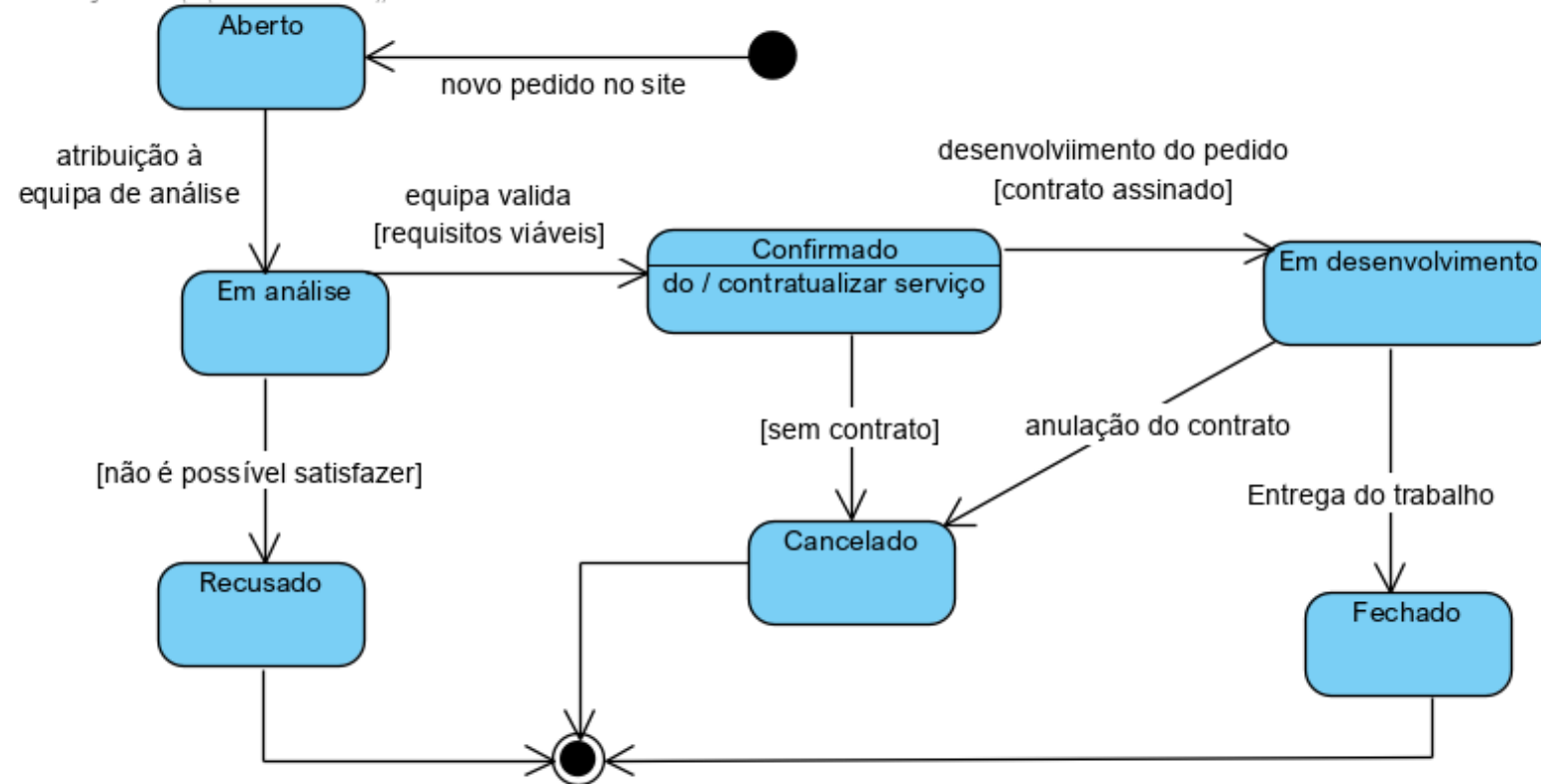
Adaptado de: <https://learning.oreilly.com/library/view/applying-uml-and/0131489062/apA.html>



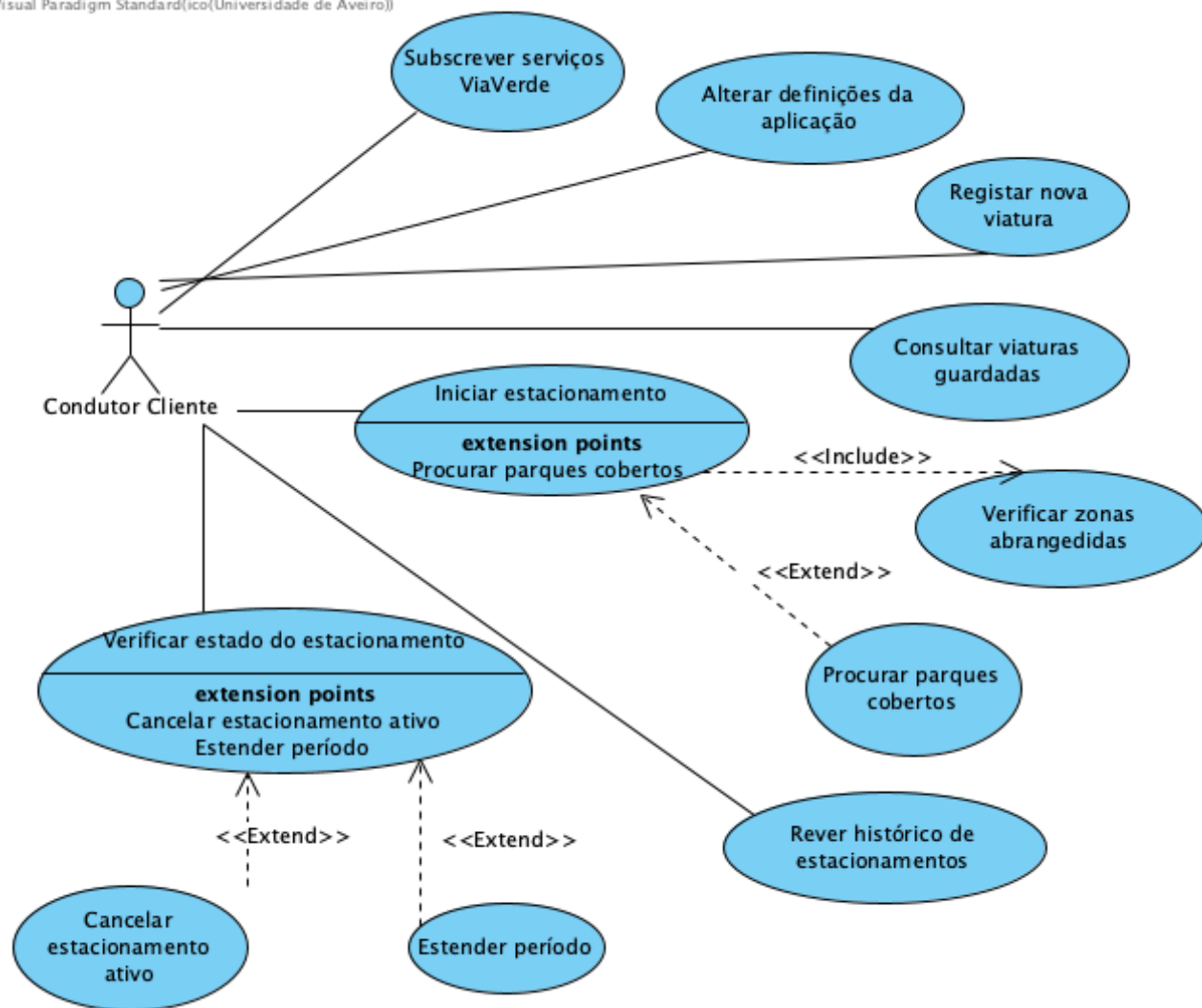
Modelo de conceptual parcial (com restrições em OCL).

Adaptado de:

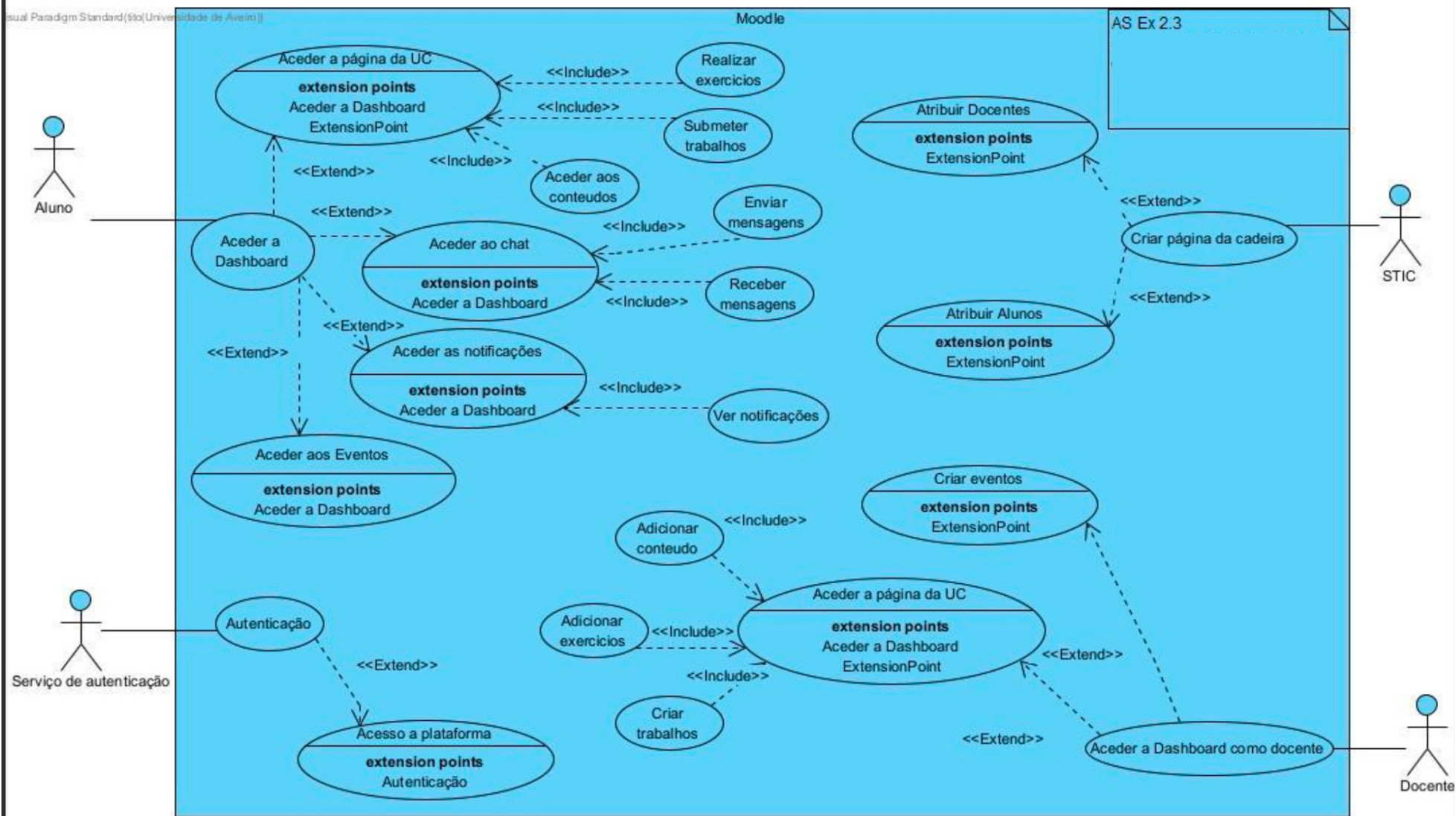
<https://learning.oreilly.com/library/view/learning-uml-2-0/0596009828/apa.html#learnuml2-APP-A-SECT-1>



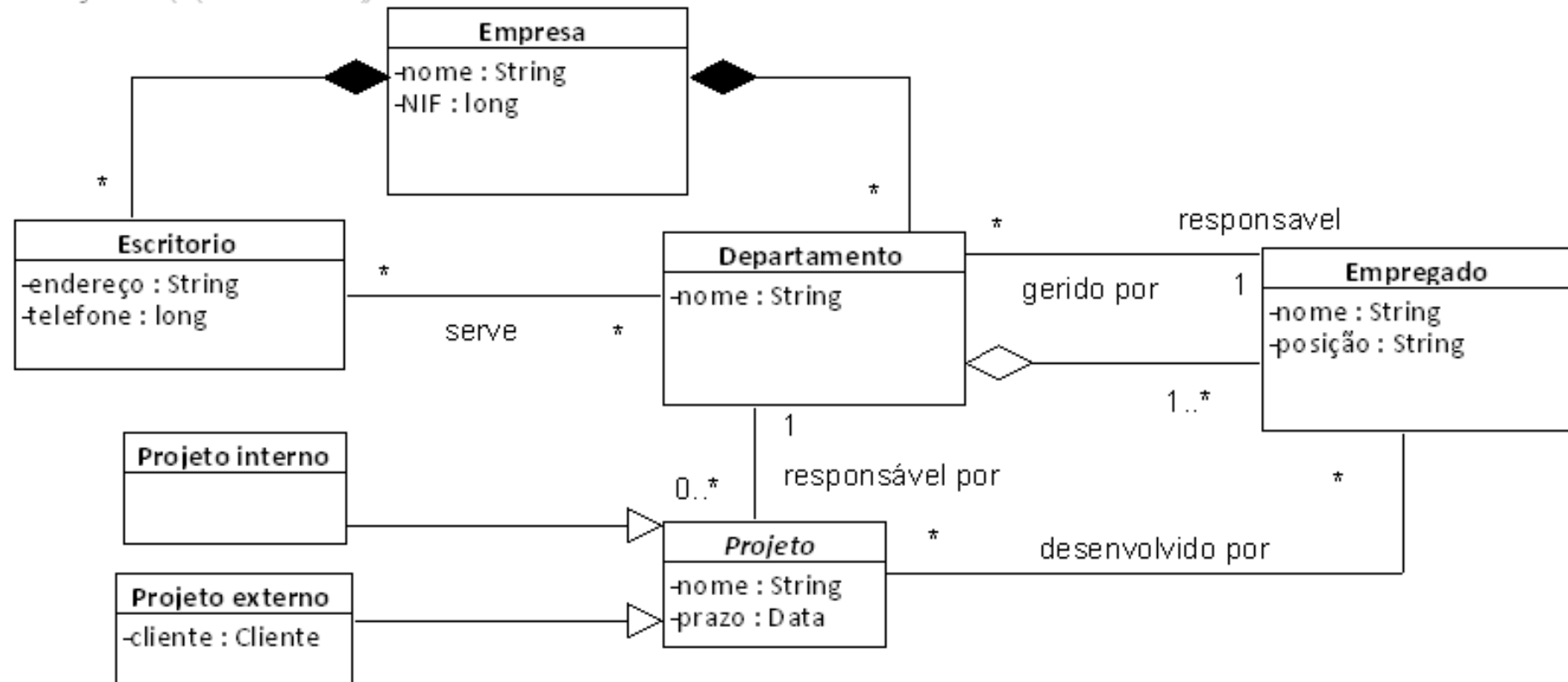
Tratamento de propostas (de projetos para clientes).



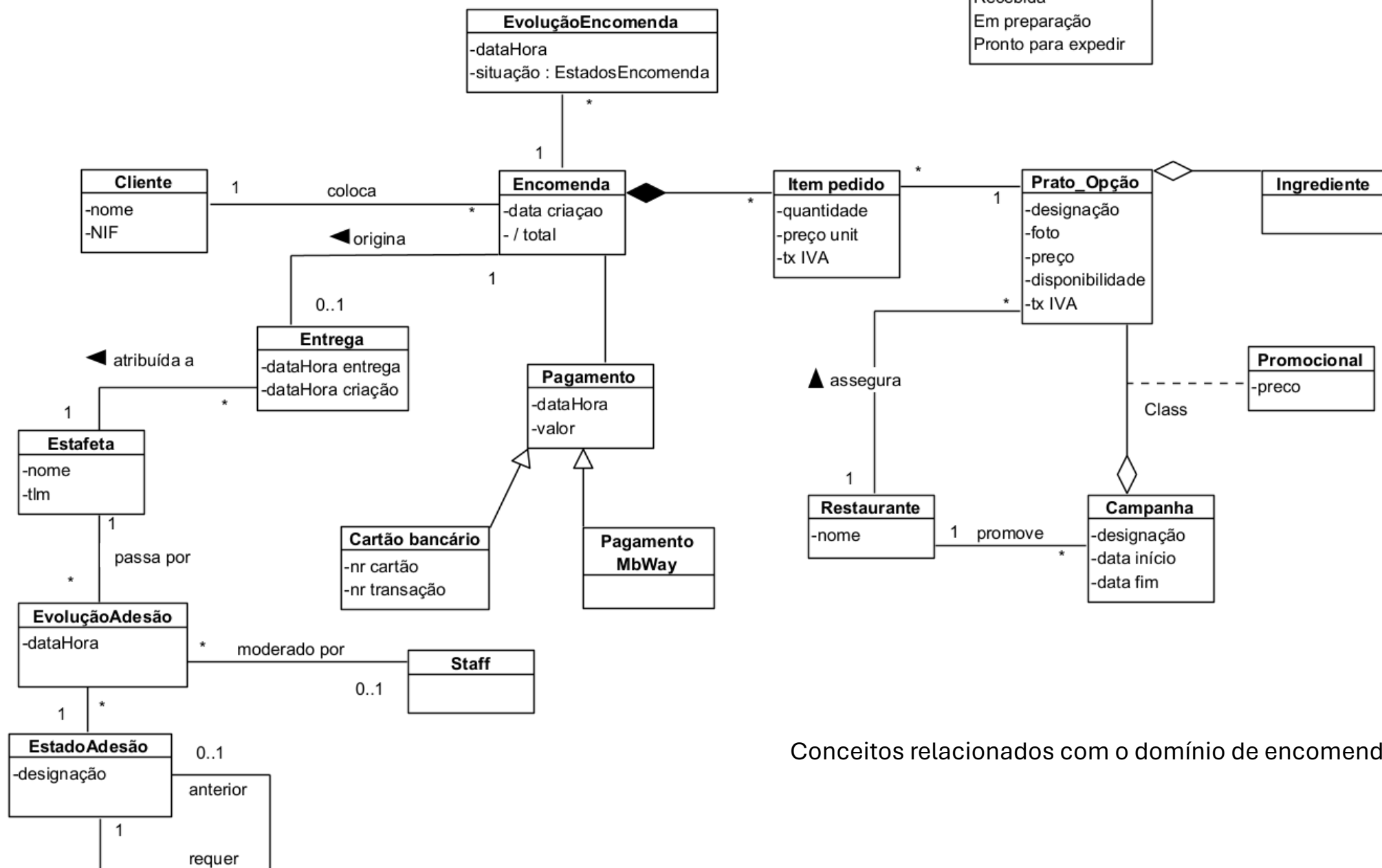
Funcionalidades da aplicação ViaVerde Estacionar.



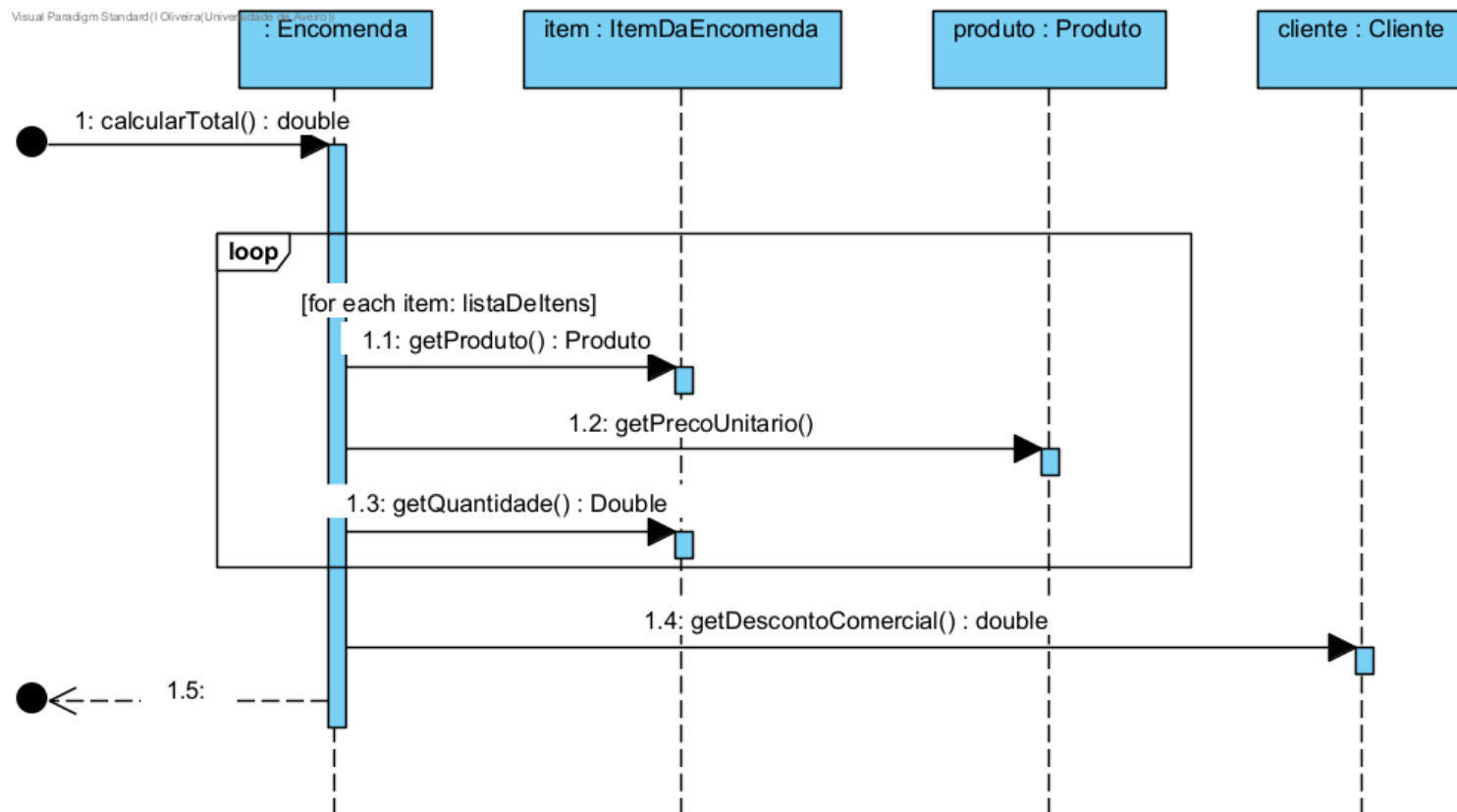
Possível modelo de casos de utilização para o Moodle. Modelo submetido por um grupo de alunos, num dos laboratórios das aulas Práticas.



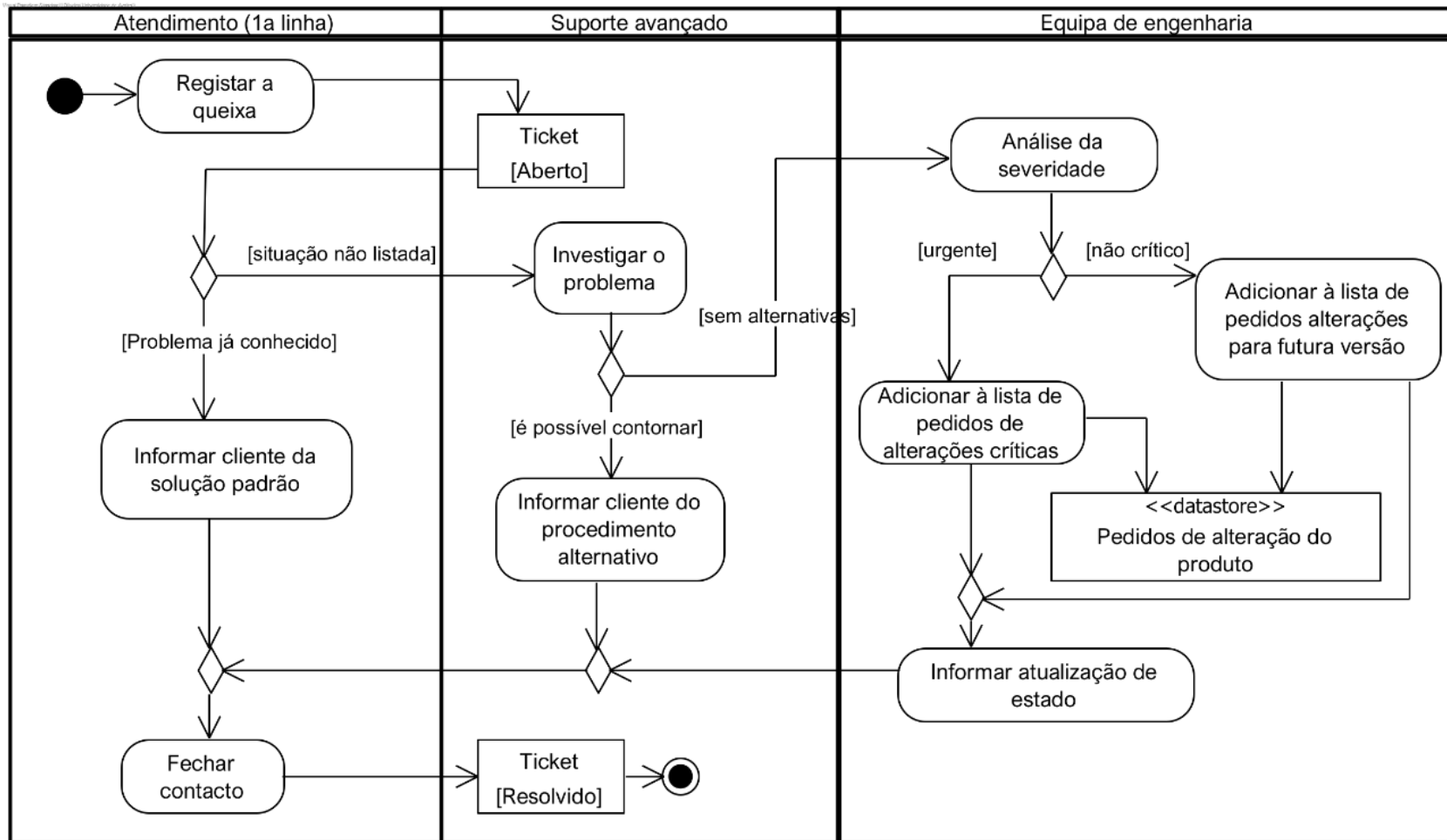
Alguns conceitos associados ao domínio da gestão de projetos



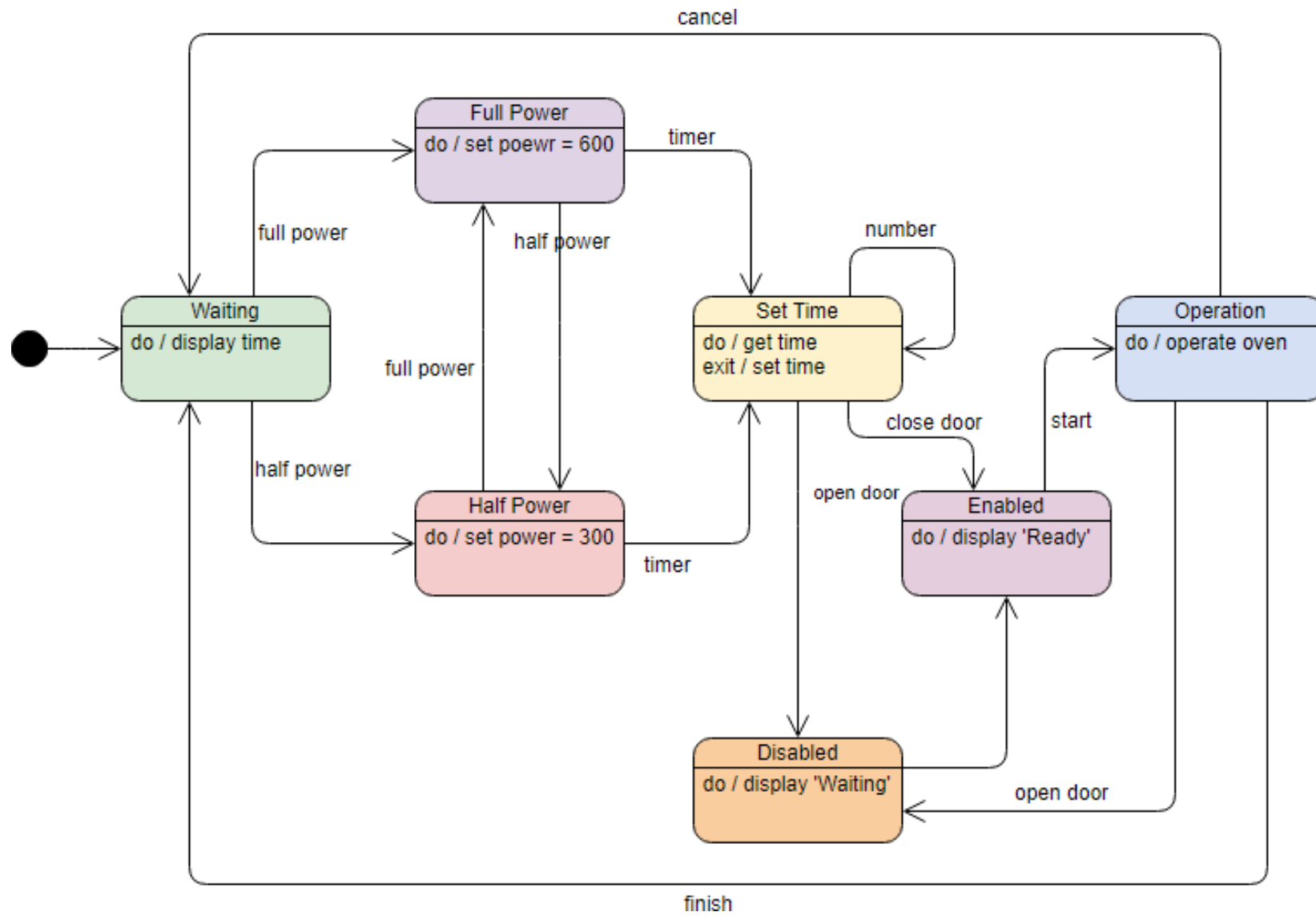
Conceitos relacionados com o domínio de encomenda (online) de comida



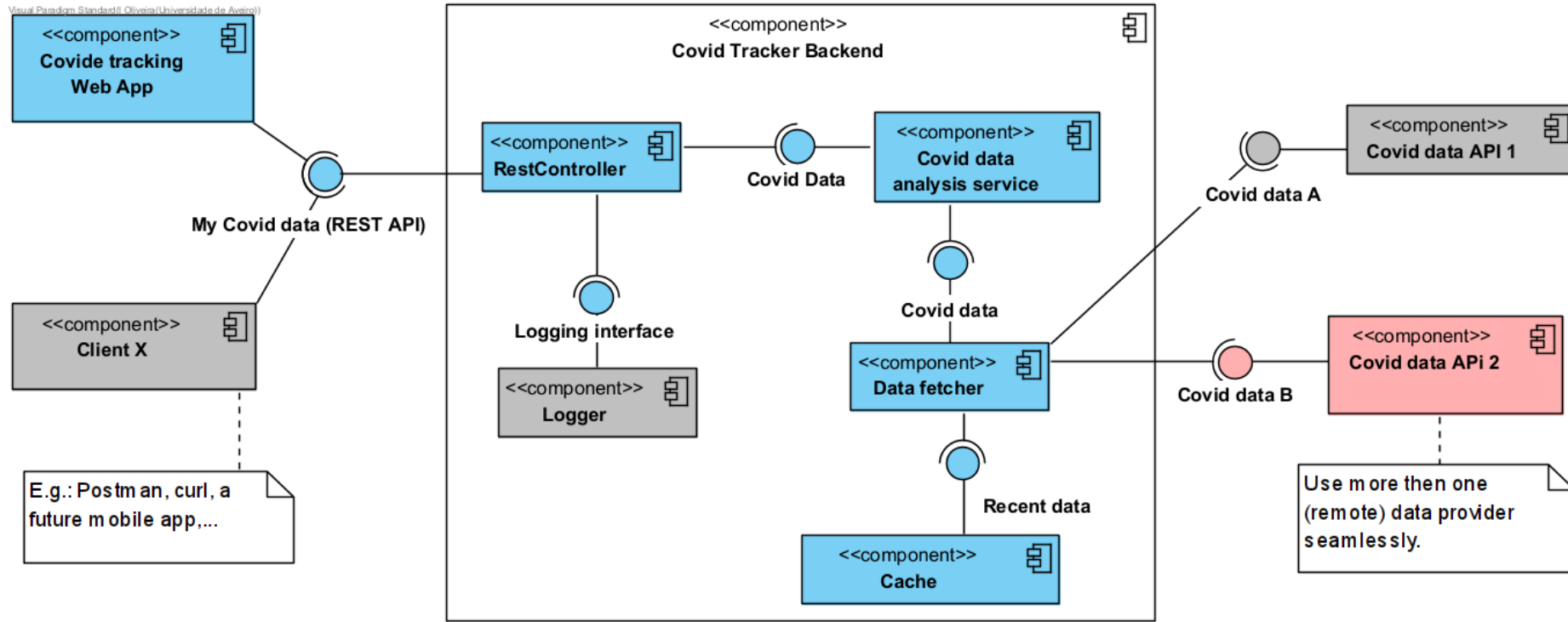
Interação relacionada com a implementação do método `calcularTotal()`.



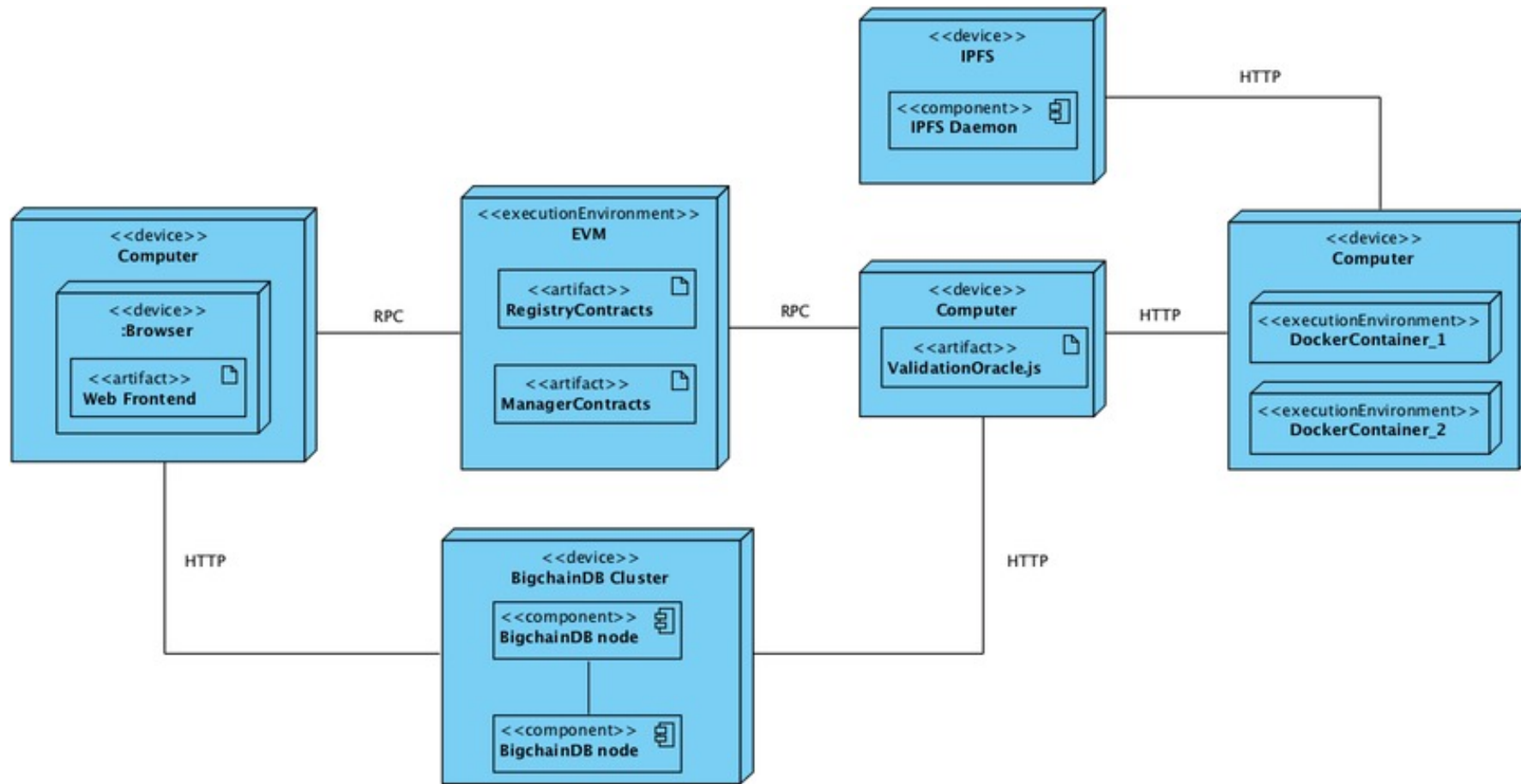
Funcionamento de um serviço de apoio ao cliente (*helpdesk*).



Representação do funcionamento de um forno elétrico



- Estrutura de um sistema para agregação de informação sobre a incidência da Covid-19.
- Nota: as cores correspondem a decoração introduzida pelo autor, não faz parte da norma UML.



Sistema de blockchain. Adaptado de:
<https://www.researchgate.net/publication/328342750> *A Reference Architecture for Blockchain-based Resource-intensive Computations managed by Smart Contracts*