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Project   
Scenario

MTAT.03.229 Enterprise System Integration

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# Introduction

Plant hiring is the equipment rental from specialized rental companies to construction companies. In this project, we model and implement the procurement process via interconnected enterprise systems in rental and building company, called respectively RentIt and BuildIt.

# Part I: BuildIt

In this first part, we present the models for building company domain.

## Domain model

First we present domain model in Figure 1.

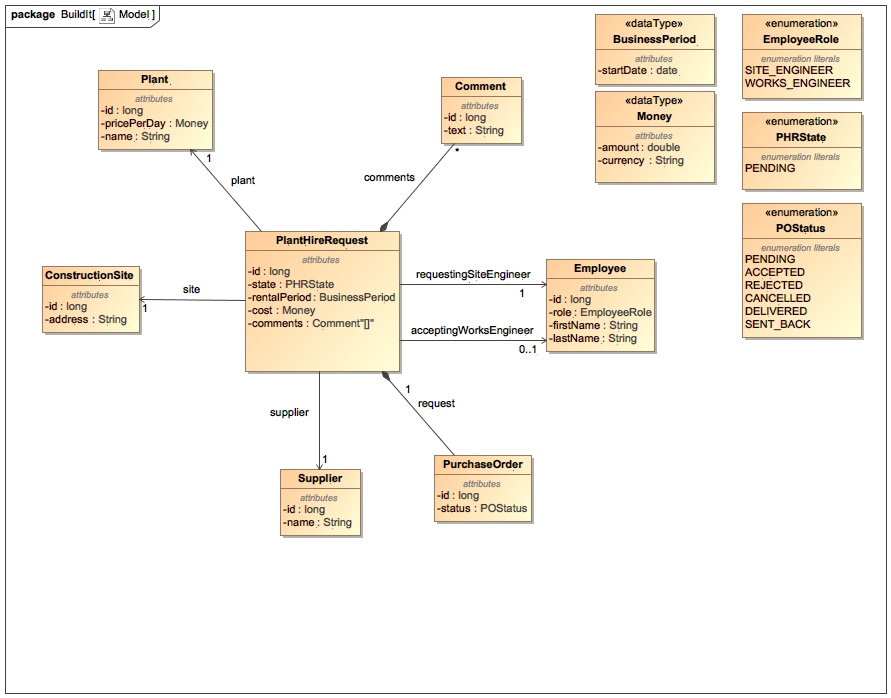


Figure 1 BuildIt domain model

## Resource model

Resource model helps designing RESTful applications. It is depicted in Figure 2 for BuildIt.

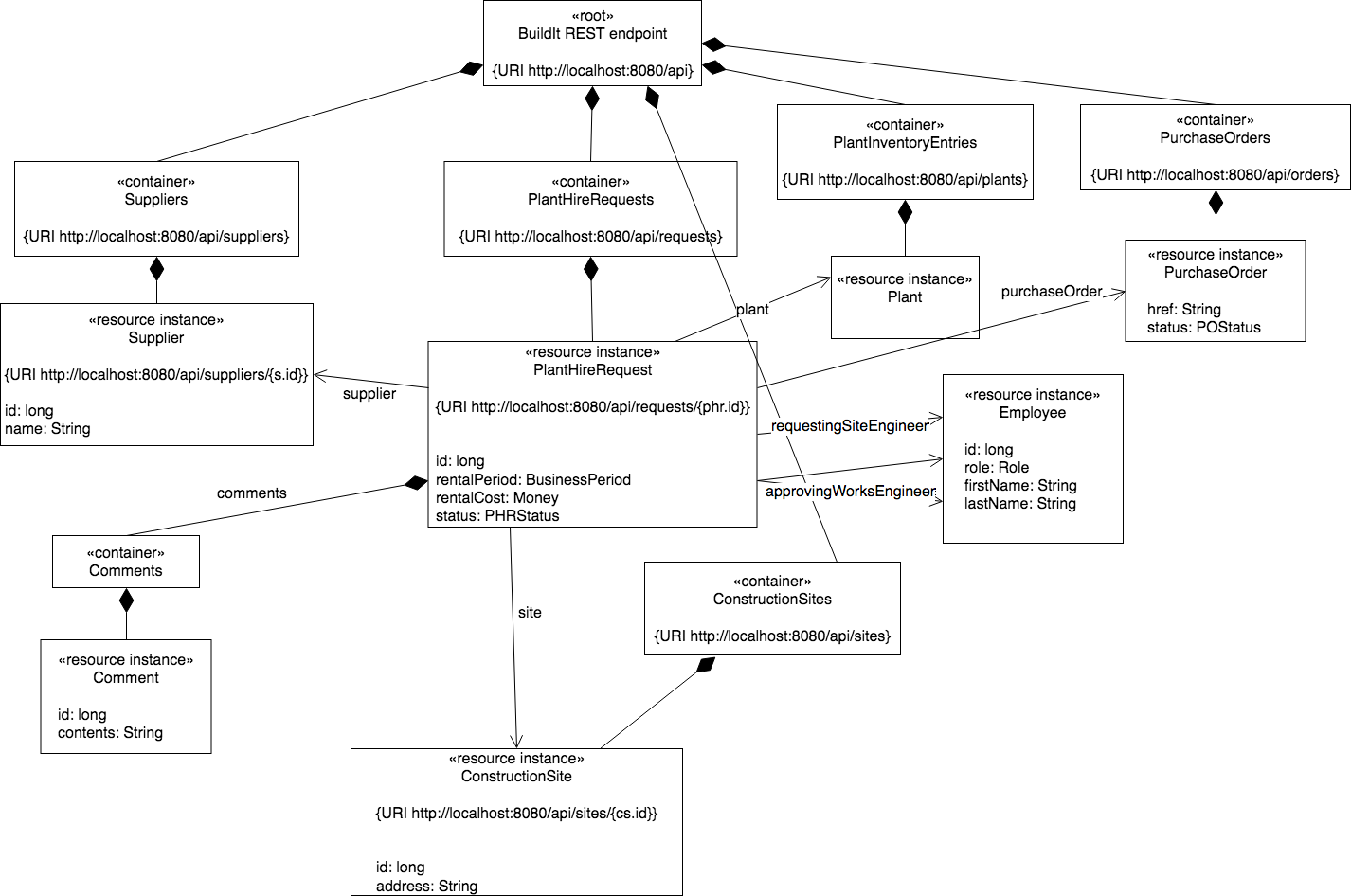


Figure 2 BuildIt resource model

## State models

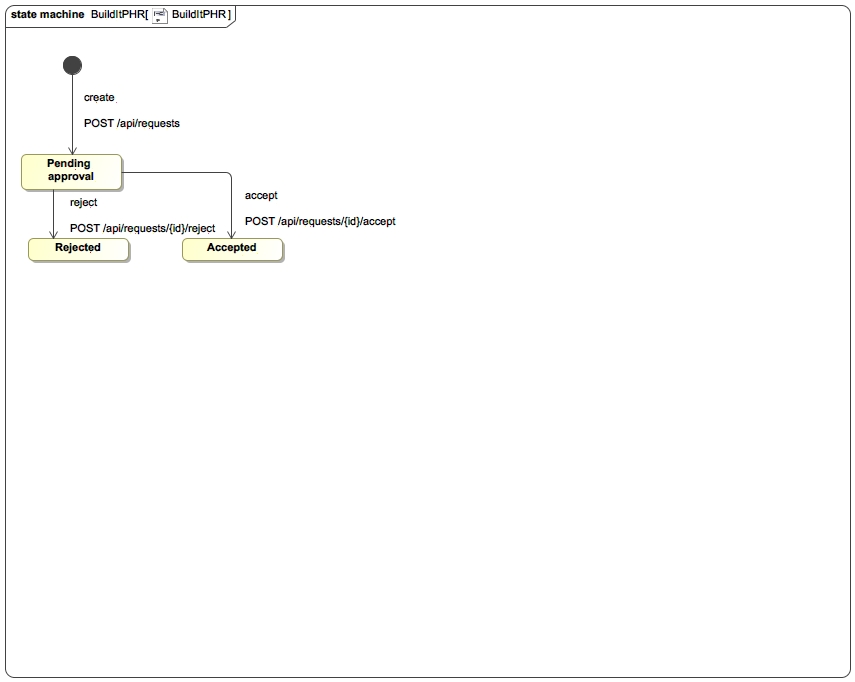


Figure 3 State model for plant hire request

State model for plant hire request is depicted in Figure 3.

## Apiary blueprint

The Apiary blueprint for BuildIt system is located at:

<https://buildit28.docs.apiary.io/>

# Part II: RentIt

TBD

# Summary

TBD