

Class Diagrams for Application `tbischeduling`

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Abstract

This document shows the object model for the `tbischeduling` application.

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1 Overview

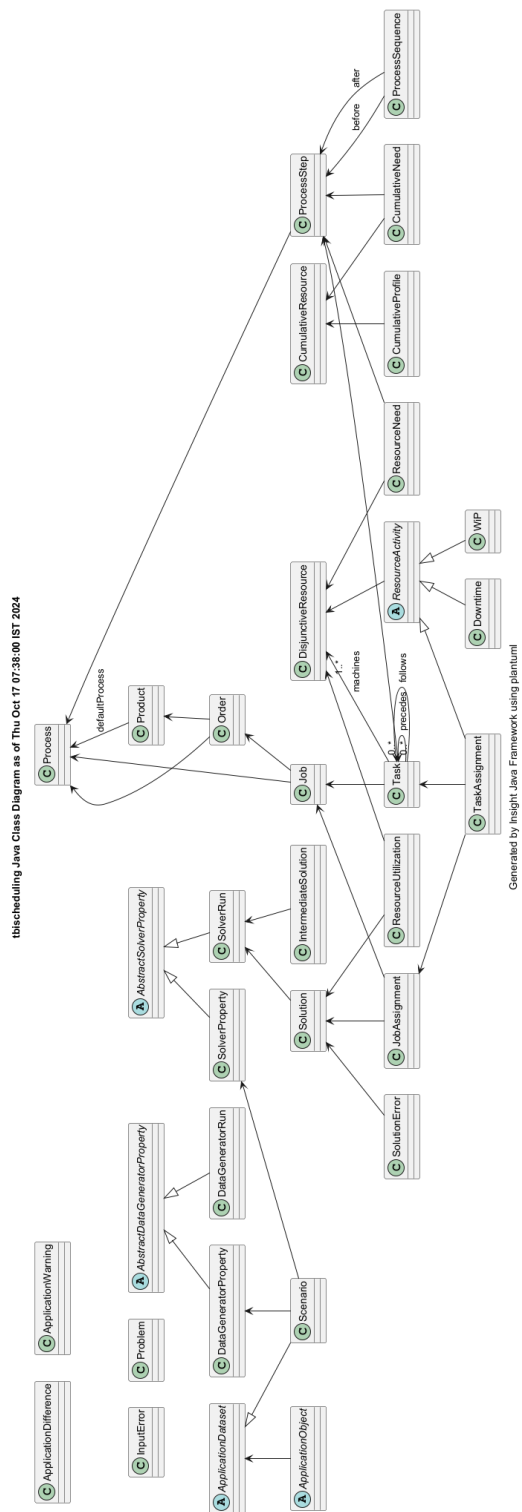


Figure 1: Compact Class Diagram

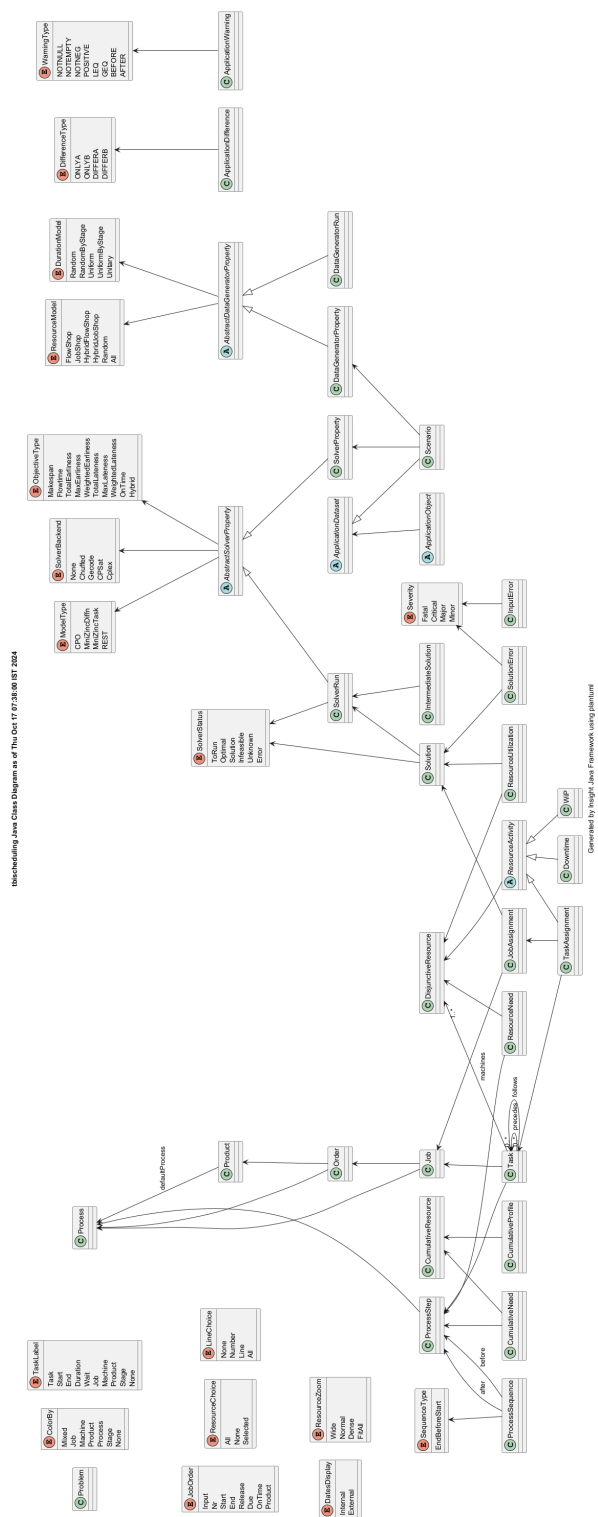


Figure 2: Default Class Diagram

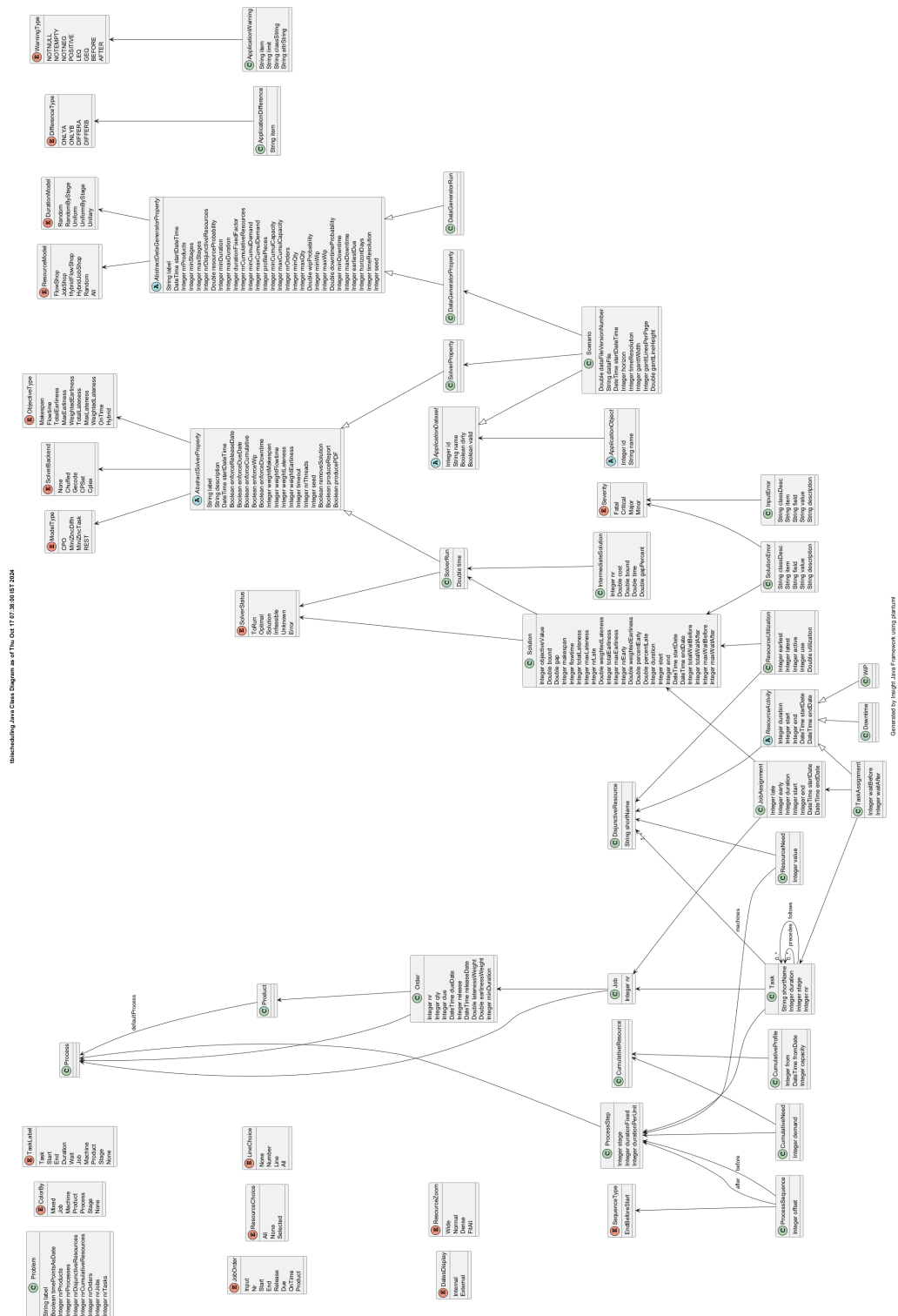


Figure 3: Full Class Diagram

2 AbstractDataGeneratorProperty

Class AbstractDataGeneratorProperty of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

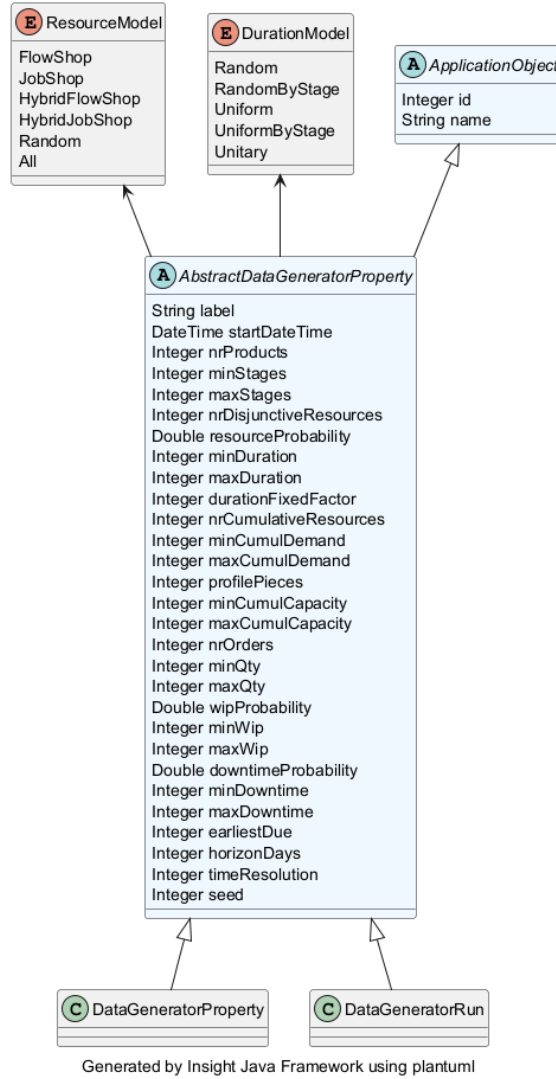
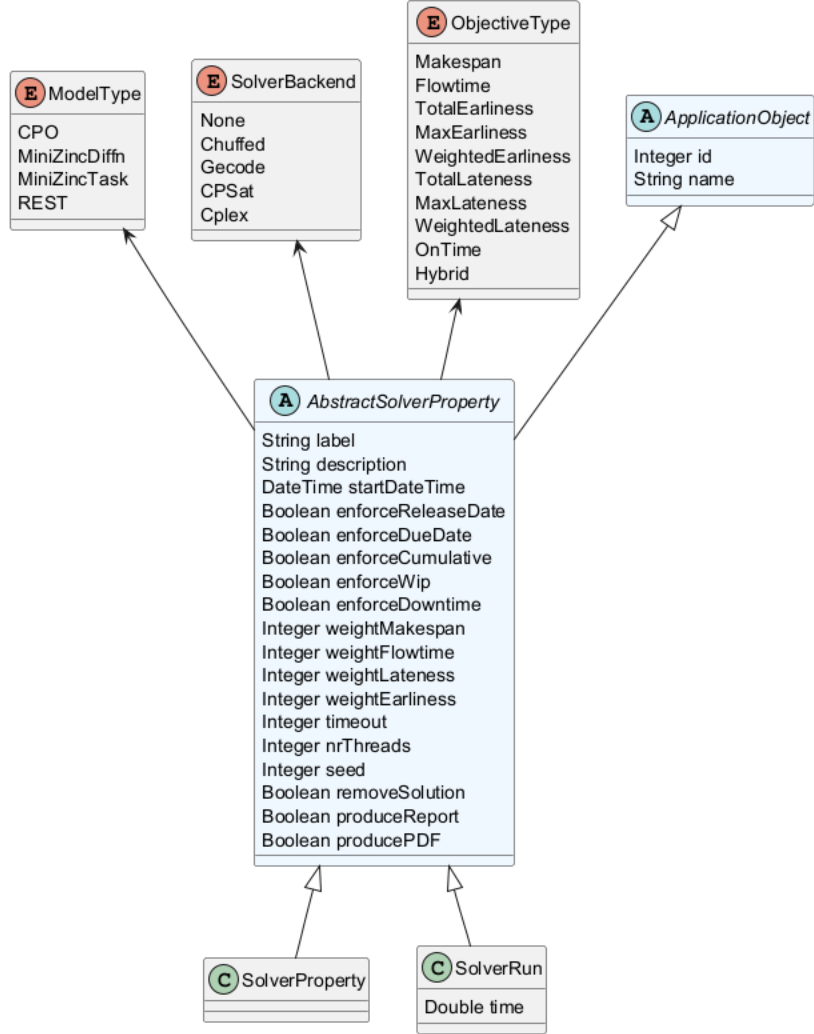


Figure 4: Class Diagram for Class AbstractDataGeneratorProperty

3 AbstractSolverProperty

Class AbstractSolverProperty of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

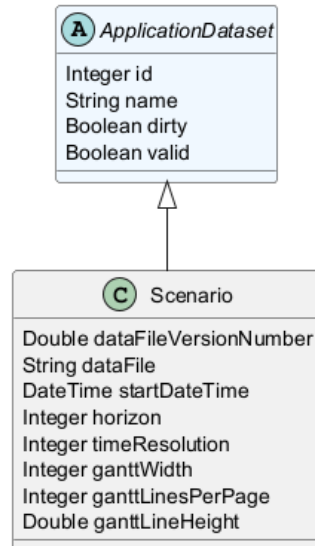


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Figure 5: Class Diagram for Class AbstractSolverProperty

4 ApplicationDataset

Class ApplicationDataset of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

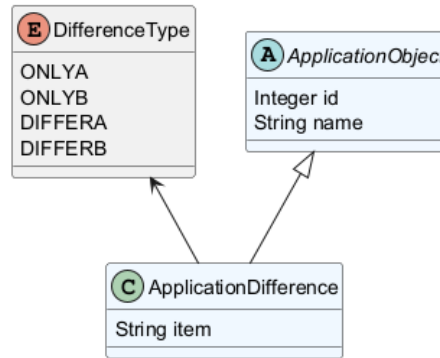


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Figure 6: Class Diagram for Class ApplicationDataset

5 ApplicationDifference

Class ApplicationDifference of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 7: Class Diagram for Class ApplicationDifference

6 ApplicationObject

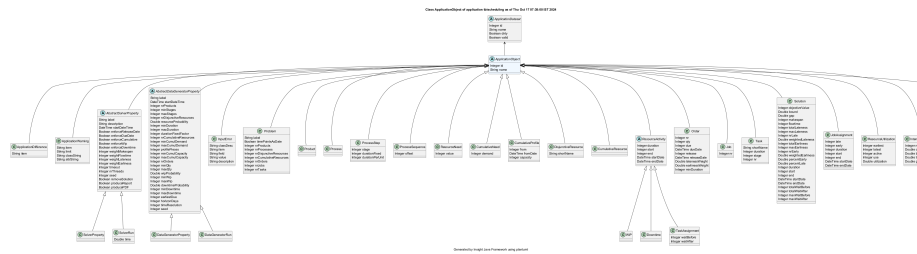
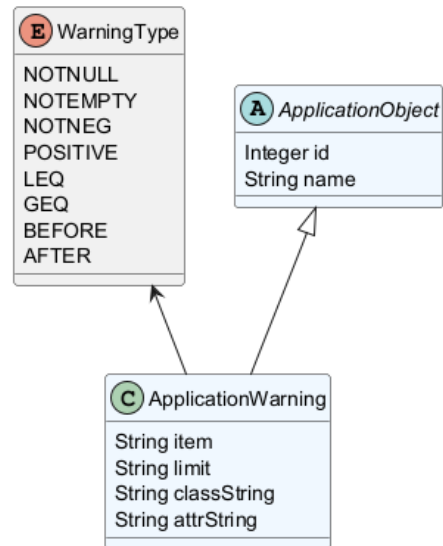


Figure 8: Class Diagram for Class ApplicationObject

7 ApplicationWarning

Class ApplicationWarning of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

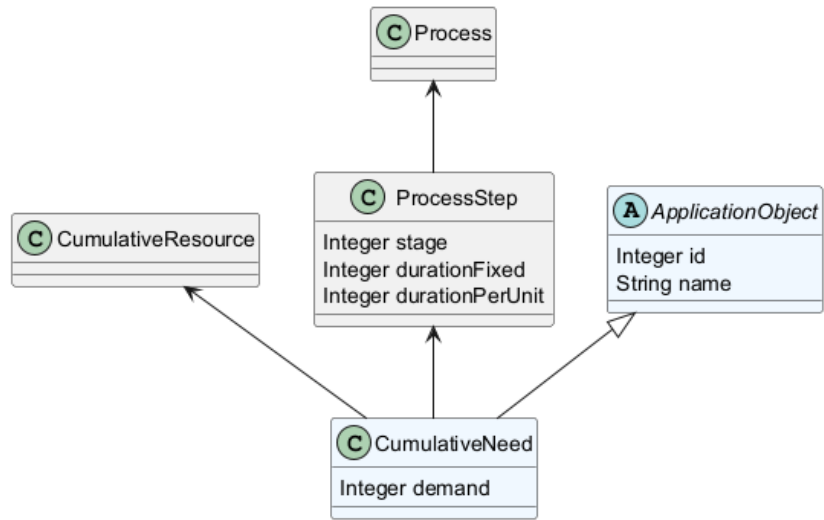


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Figure 9: Class Diagram for Class ApplicationWarning

8 CumulativeNeed

Class CumulativeNeed of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

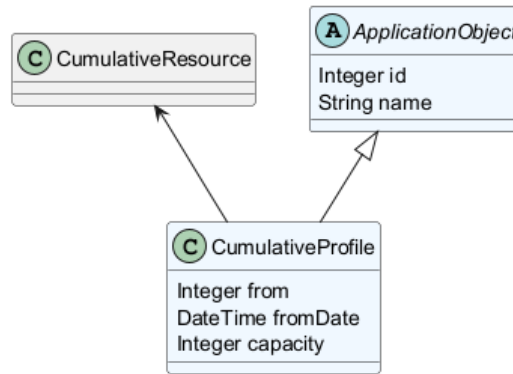


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Figure 10: Class Diagram for Class CumulativeNeed

9 CumulativeProfile

Class CumulativeProfile of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

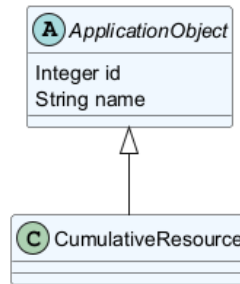


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Figure 11: Class Diagram for Class CumulativeProfile

10 CumulativeResource

Class CumulativeResource of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

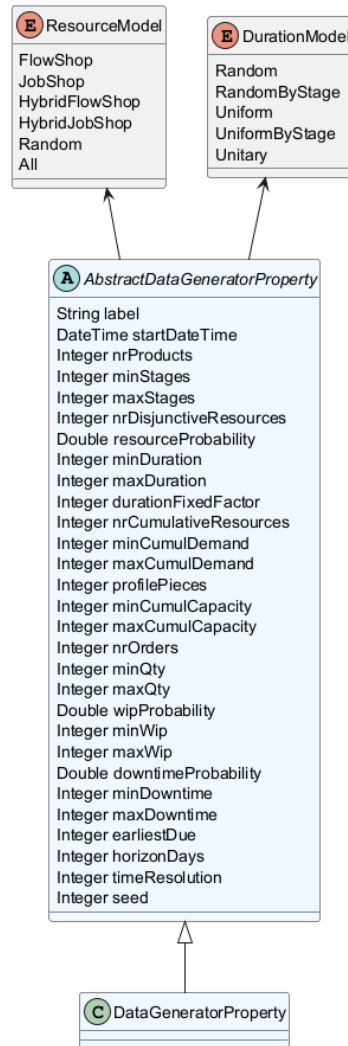


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Figure 12: Class Diagram for Class CumulativeResource

11 DataGeneratorProperty

Class DataGeneratorProperty of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

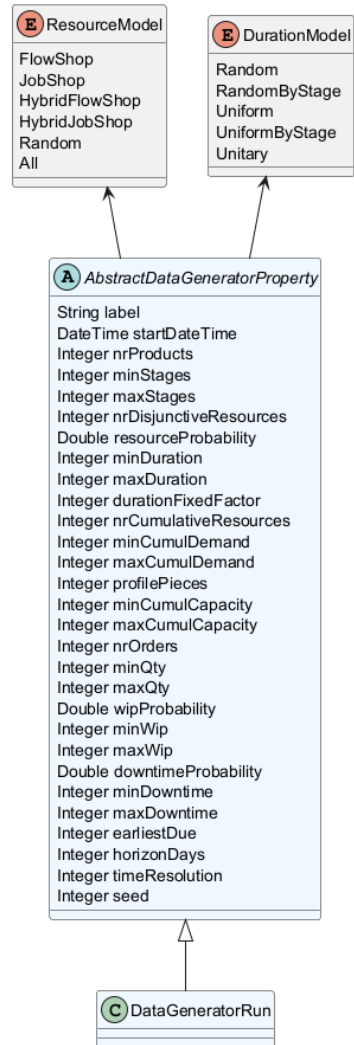


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Figure 13: Class Diagram for Class DataGeneratorProperty

12 DataGeneratorRun

Class DataGeneratorRun of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

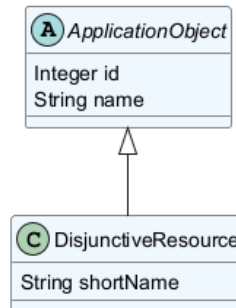


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Figure 14: Class Diagram for Class DataGeneratorRun

13 DisjunctiveResource

Class DisjunctiveResource of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

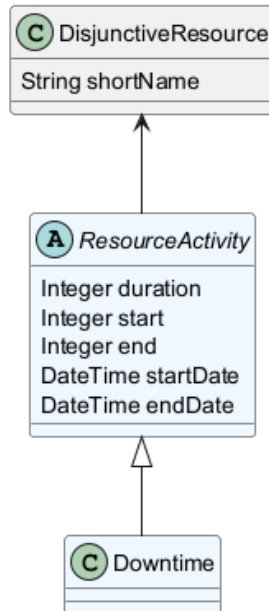


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Figure 15: Class Diagram for Class DisjunctiveResource

14 Downtime

Class Downtime of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

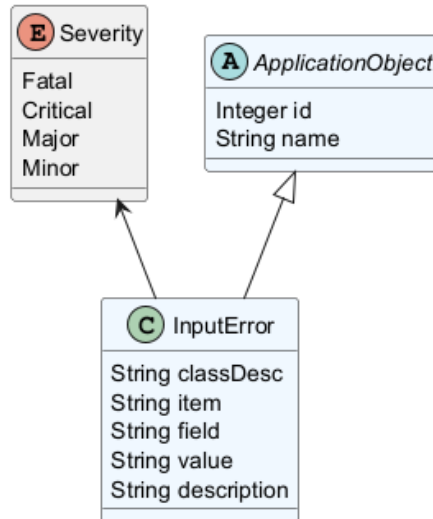


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Figure 16: Class Diagram for Class Downtime

15 InputError

Class InputError of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

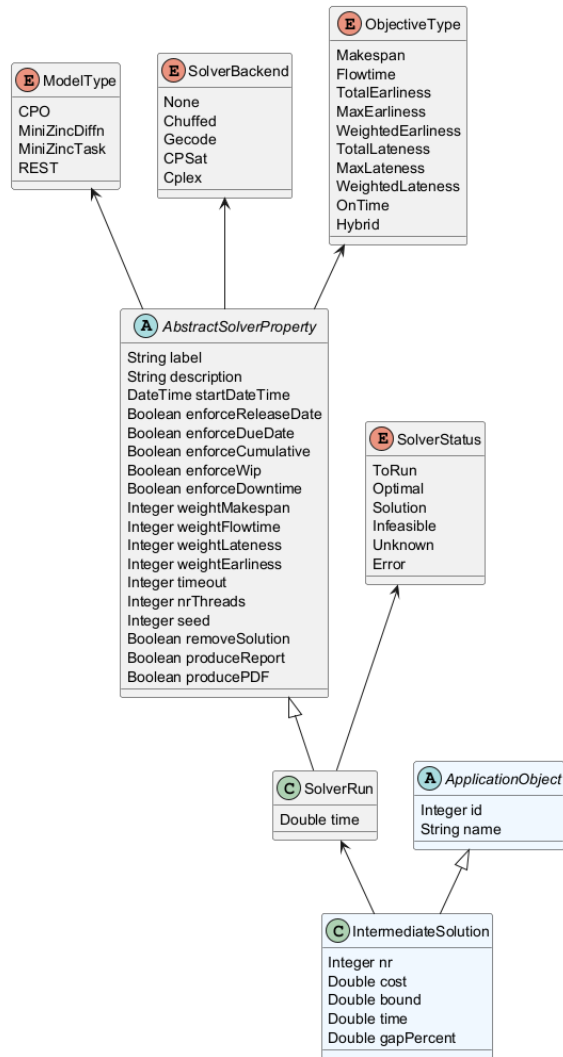


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Figure 17: Class Diagram for Class InputError

16 IntermediateSolution

Class IntermediateSolution of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

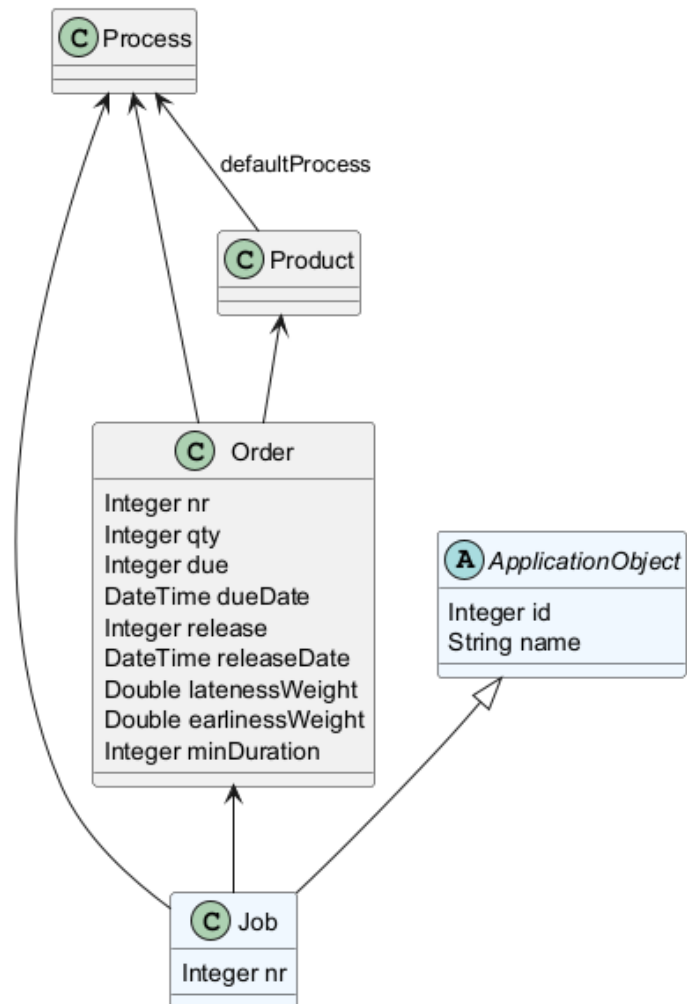


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Figure 18: Class Diagram for Class IntermediateSolution

17 Job

Class Job of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 19: Class Diagram for Class Job

18 JobAssignment

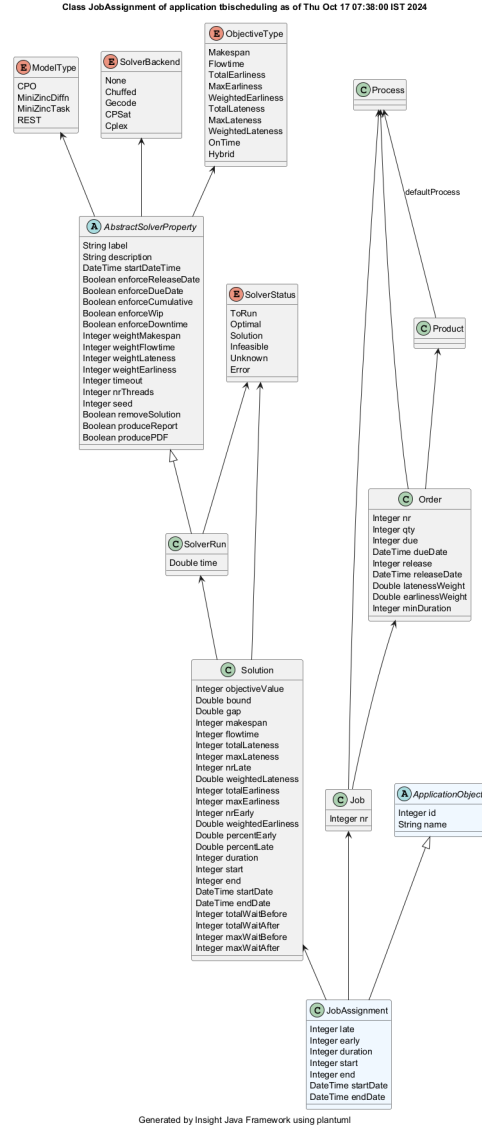
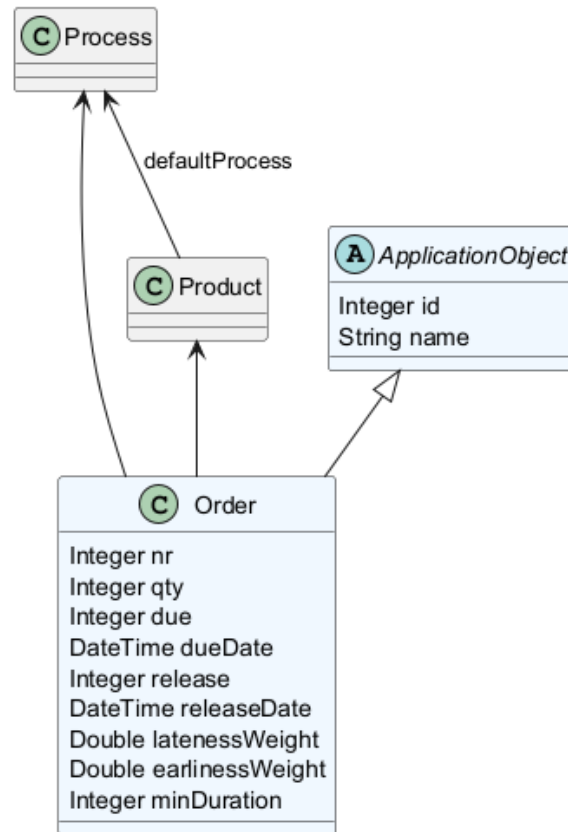


Figure 20: Class Diagram for Class JobAssignment

19 Order

Class Order of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

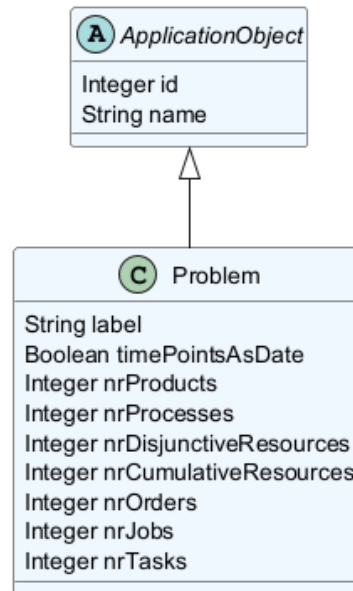


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Figure 21: Class Diagram for Class Order

20 Problem

Class Problem of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

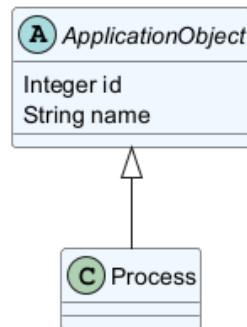


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Figure 22: Class Diagram for Class Problem

21 Process

Class Process of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

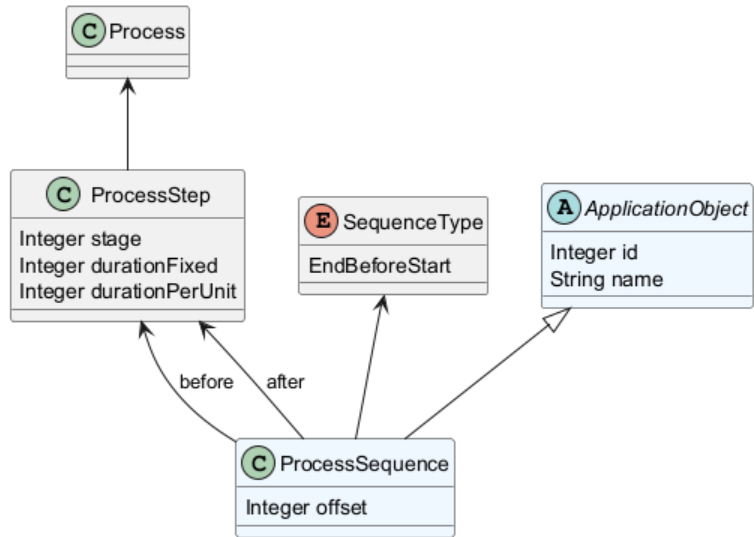


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Figure 23: Class Diagram for Class Process

22 ProcessSequence

Class ProcessSequence of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

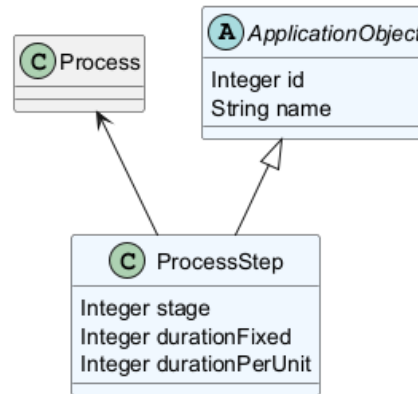


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Figure 24: Class Diagram for Class ProcessSequence

23 ProcessStep

Class ProcessStep of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

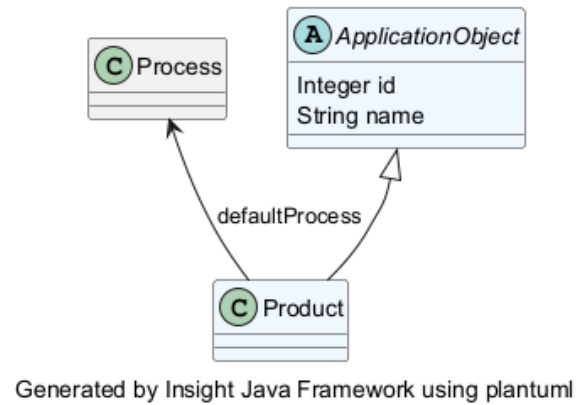


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Figure 25: Class Diagram for Class ProcessStep

24 Product

Class Product of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 26: Class Diagram for Class Product

25 ResourceActivity

Class ResourceActivity of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

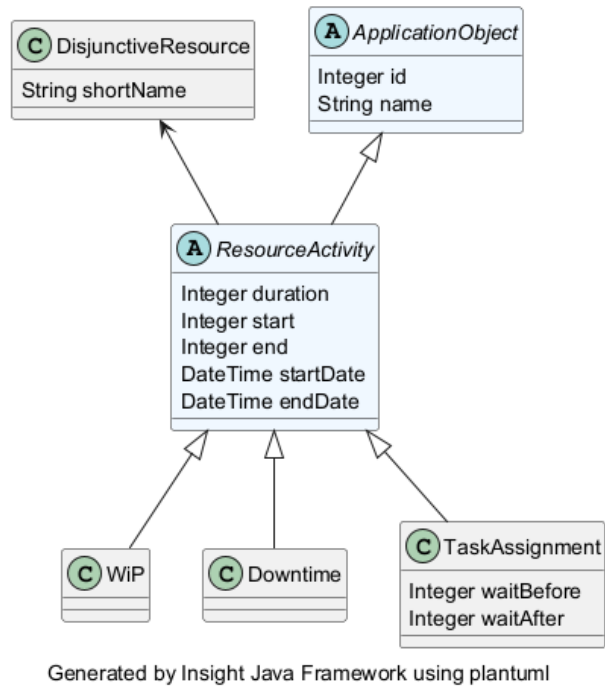
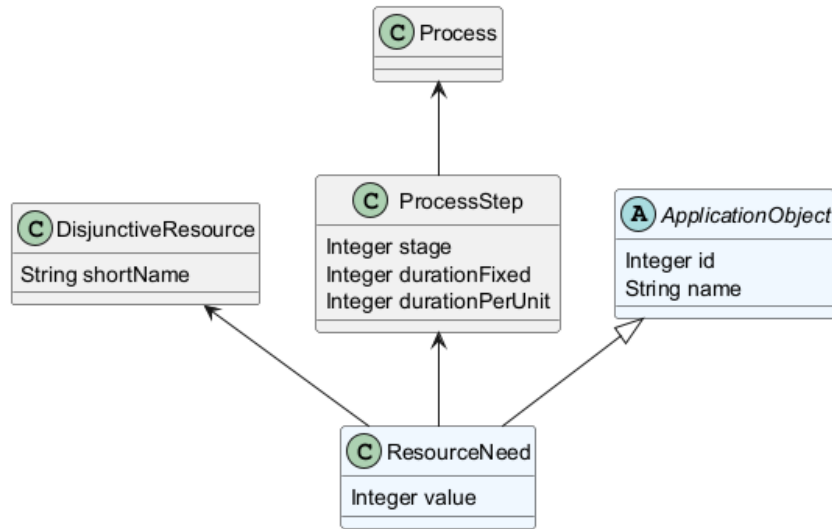


Figure 27: Class Diagram for Class ResourceActivity

26 ResourceNeed

Class ResourceNeed of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

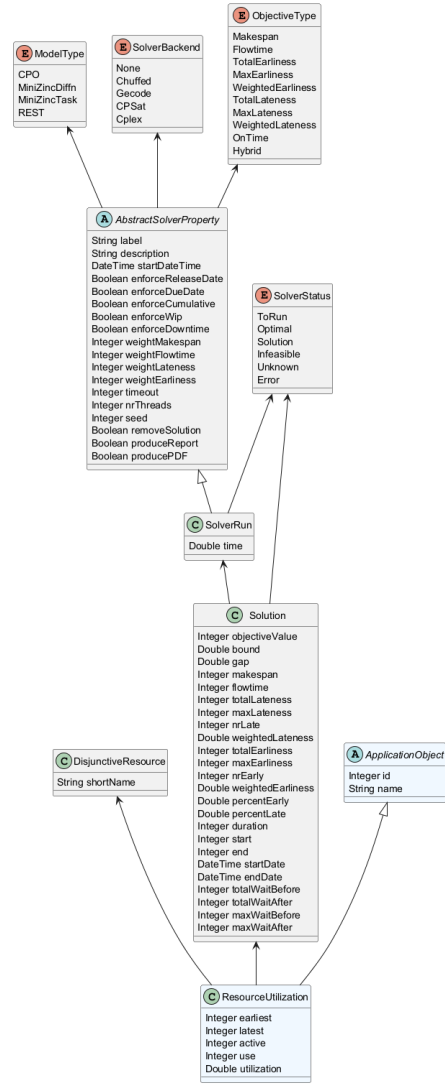


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Figure 28: Class Diagram for Class ResourceNeed

27 ResourceUtilization

Class ResourceUtilization of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 29: Class Diagram for Class ResourceUtilization

28 Scenario

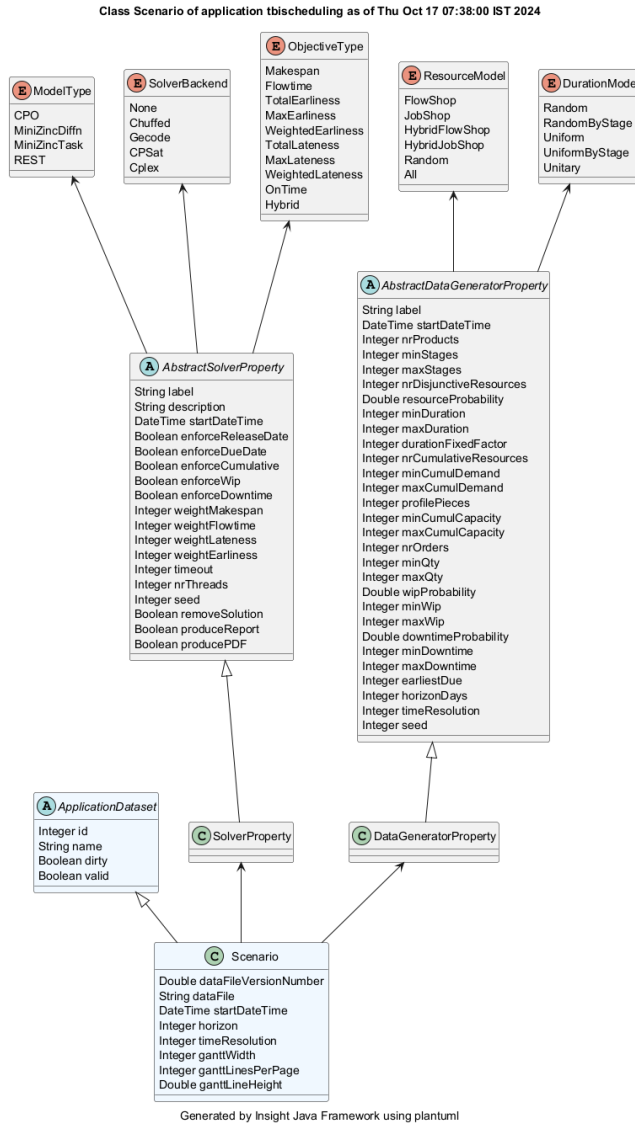


Figure 30: Class Diagram for Class Scenario

29 Solution

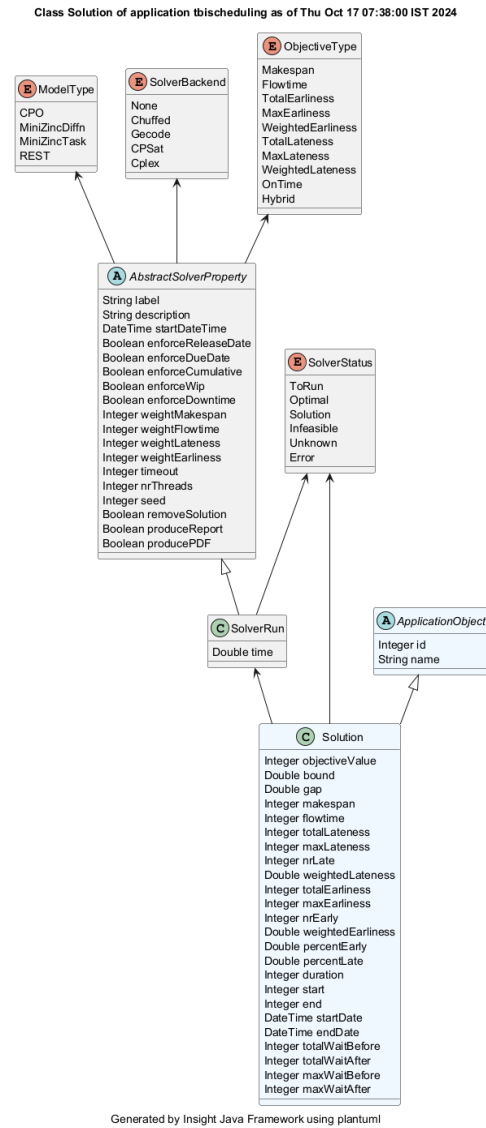


Figure 31: Class Diagram for Class Solution

30 SolutionError

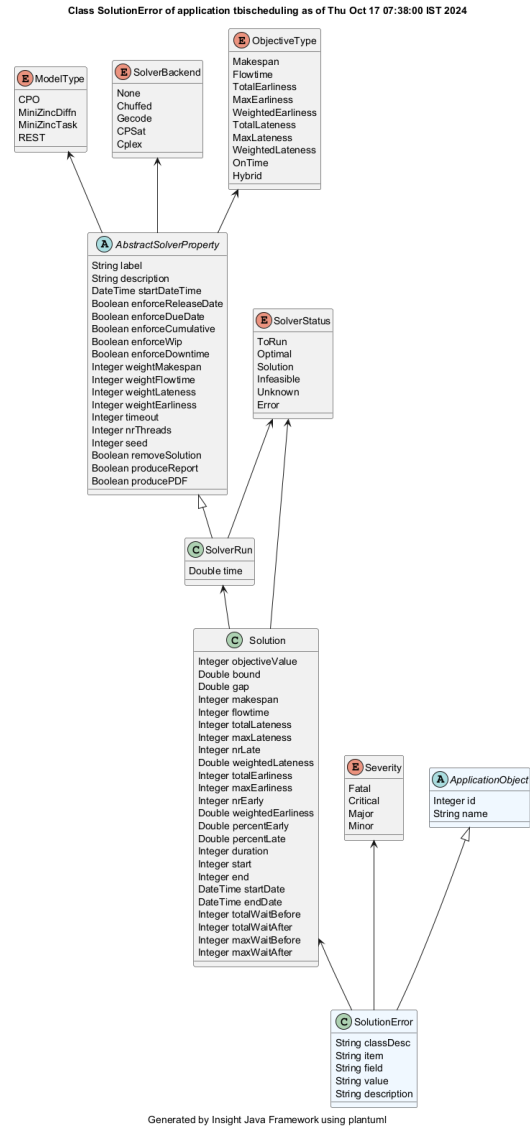
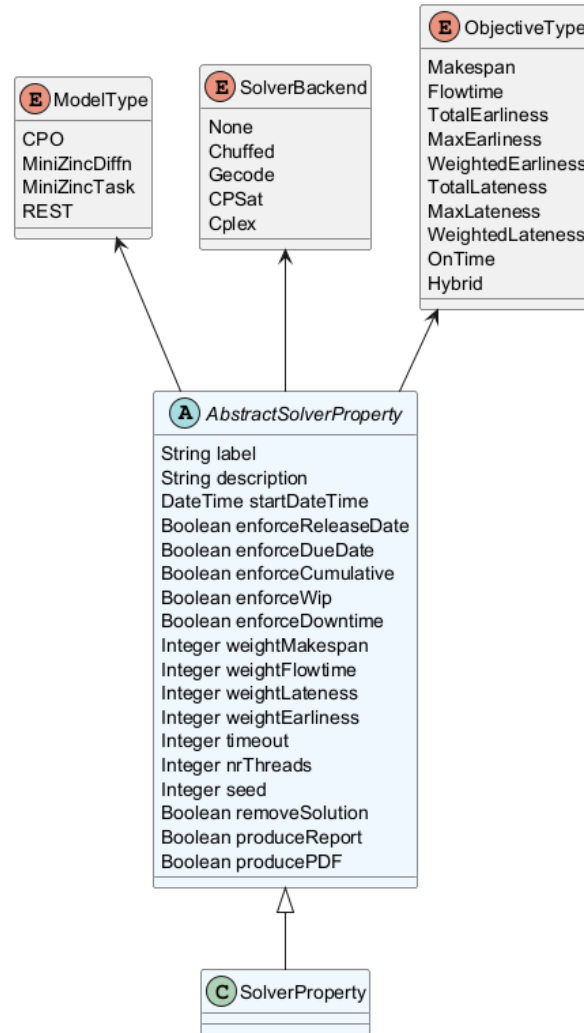


Figure 32: Class Diagram for Class SolutionError

31 SolverProperty

Class SolverProperty of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024

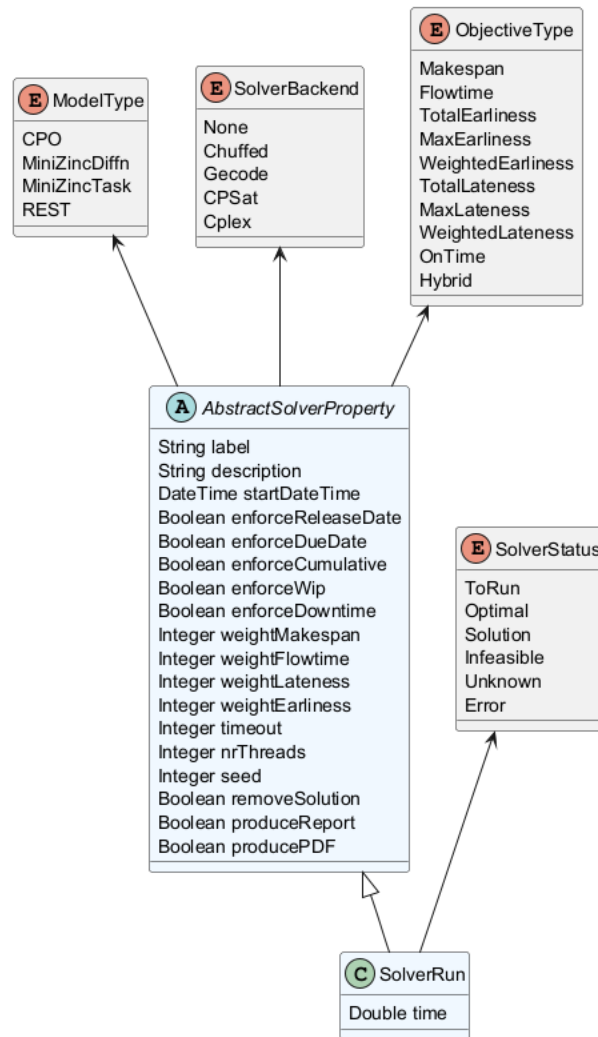


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Figure 33: Class Diagram for Class SolverProperty

32 SolverRun

Class SolverRun of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 34: Class Diagram for Class SolverRun

33 Task

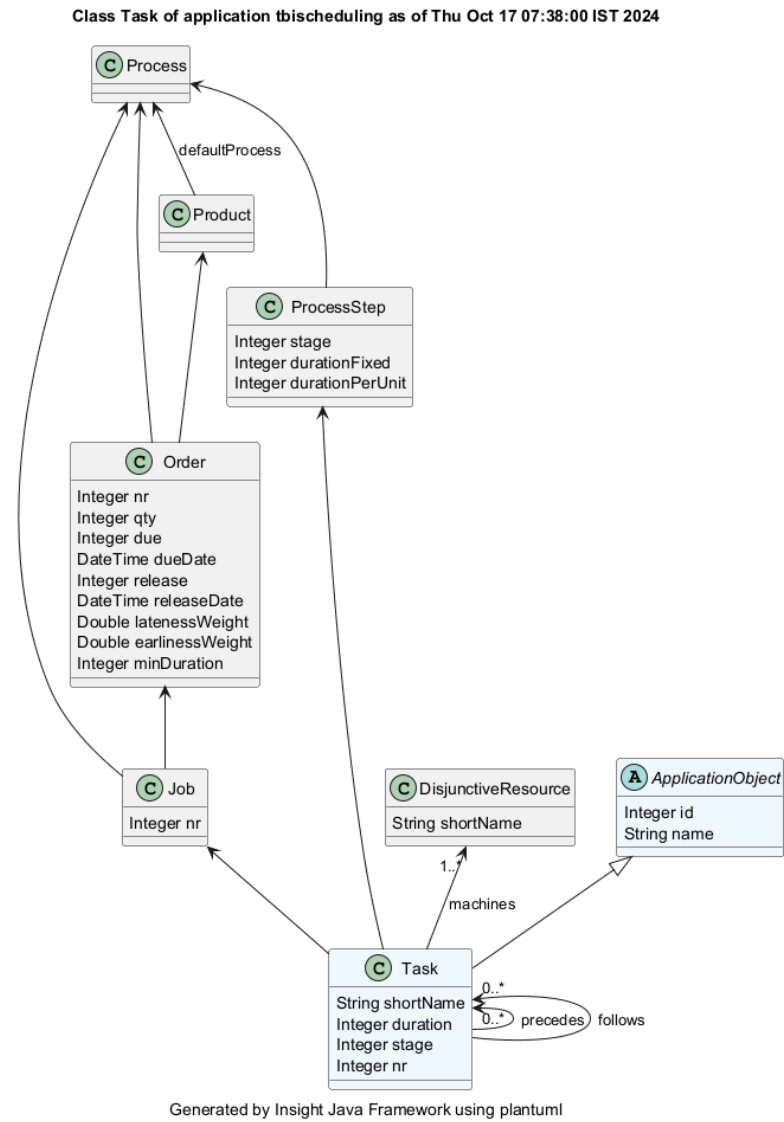


Figure 35: Class Diagram for Class Task

34 TaskAssignment

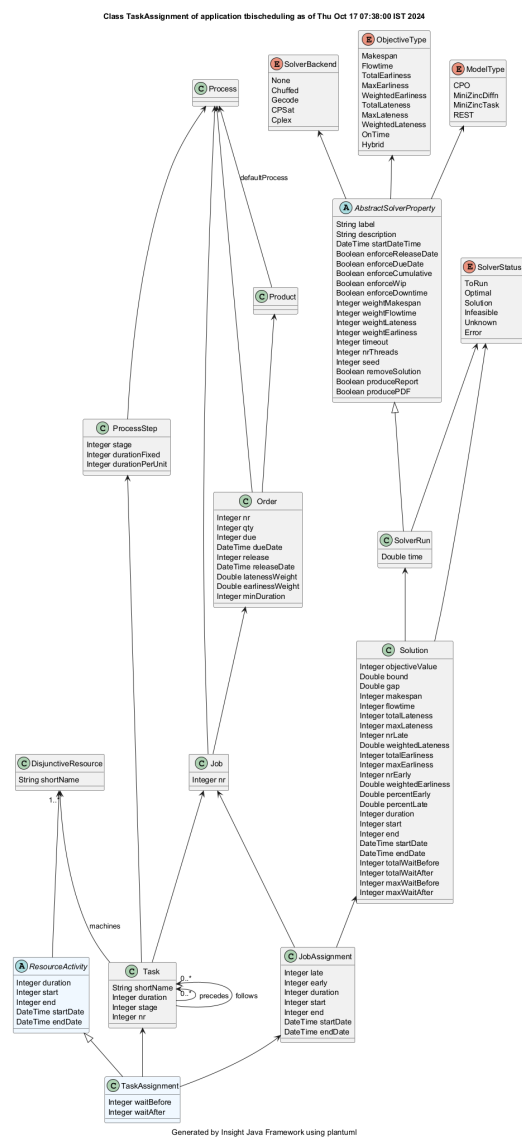
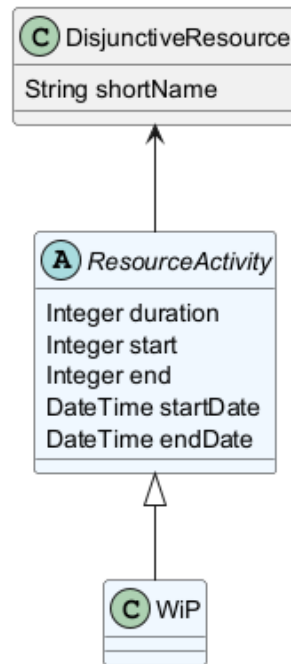


Figure 36: Class Diagram for Class TaskAssignment

35 WiP

Class WiP of application tbscheduling as of Thu Oct 17 07:38:00 IST 2024



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Figure 37: Class Diagram for Class WiP