The University of Melbourne SWEN900014: Masters Software Engineering Project

Design Document

By
Team Goal Bilby
For
Goal Model Editor

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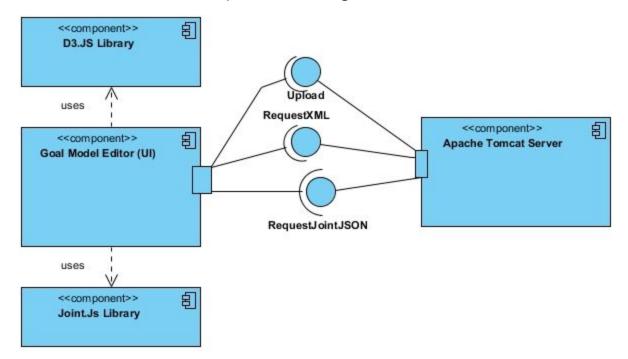
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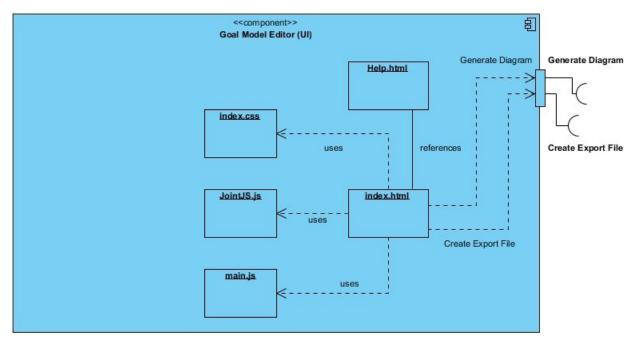
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System Architecture

Architecture Level Component Design

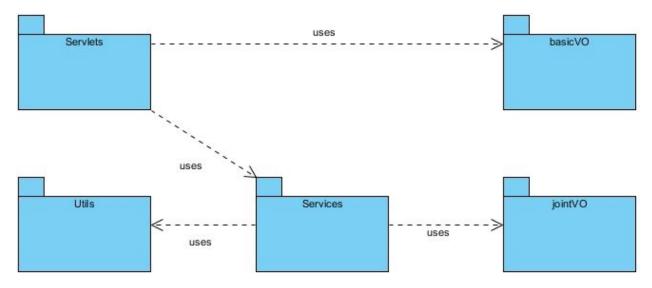


Goal Model Editor Component

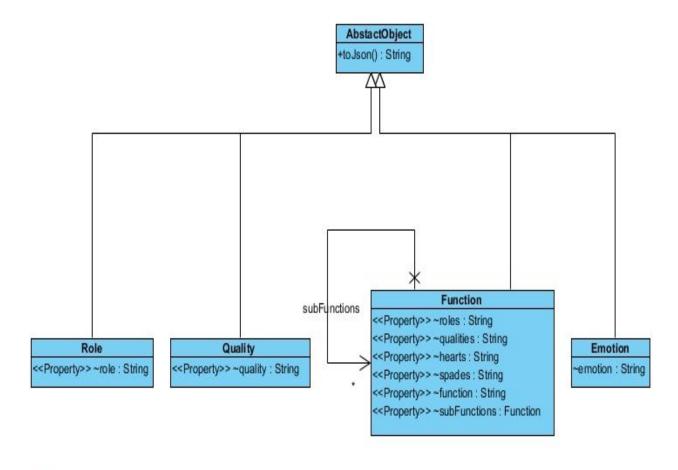


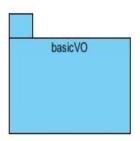
Note: These diagrams can be mapped to the source code content if read in conjunction with Readme.md file in the root directory of the source code.

Server Package Diagram

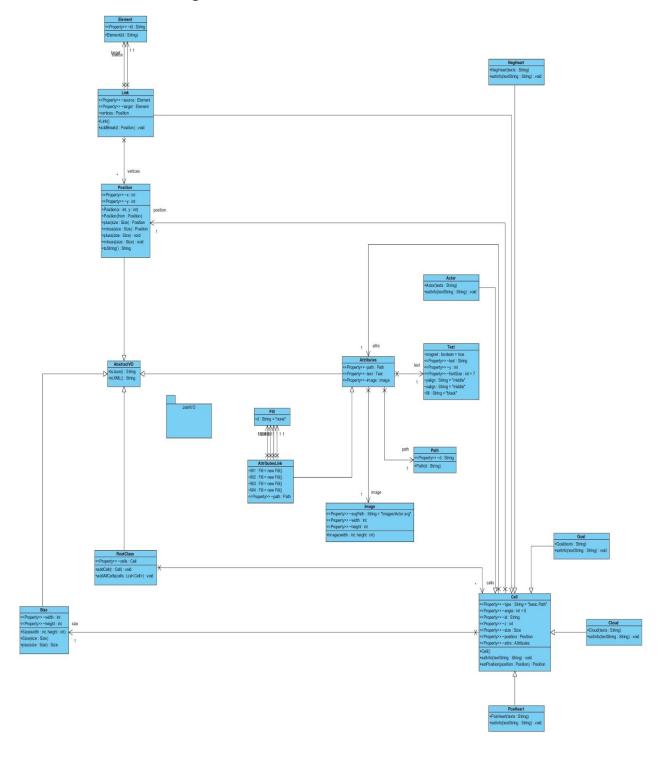


BasicVO Class Diagram





JointVO Class Diagram



Servlets Class Diagram

RequestXML

#doPost(req: javax.servlet.http.HttpServletRequest, resp: javax.servl... #doGet(req: javax.servlet.http.HttpServletRequest, resp: javax.servl...

Upload

-seria/VersionUID : long = 102831973239L

#doGet(req: javax.servlet.http.HttpServletRequest, resp: javax.servl... #doPost(req: javax.servlet.http.HttpServletRequest, resp: javax.servl...

RequestJointJSON

-seria/VersionUID : long = 8881220685680293792L

#doPost(req: javax.servlet.http.HttpServletRequest, resp: javax.servl... #doGet(req: javax.servlet.http.HttpServletRequest, resp: javax.servl...



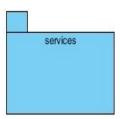
Utils Class Diagram

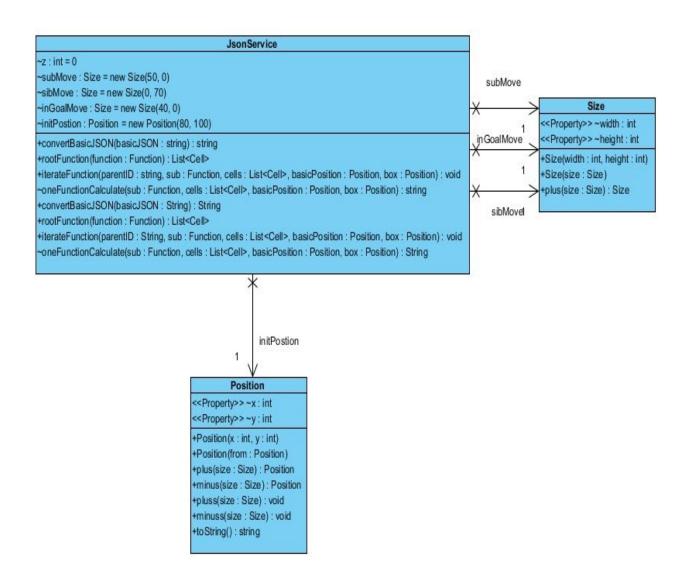
utils

IDUtils

+generateID(): String

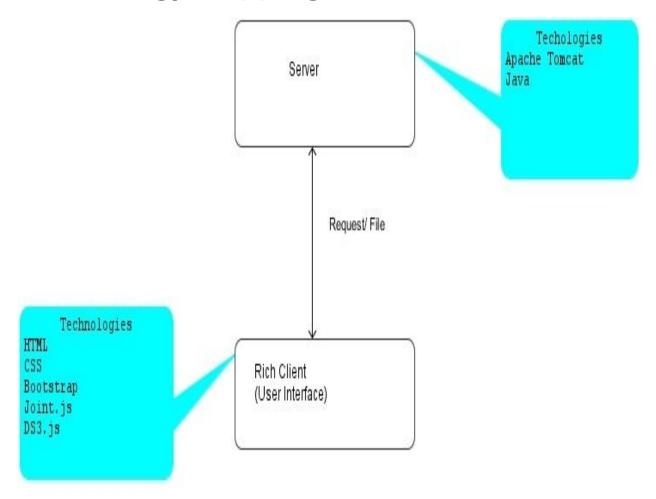
Services Class Diagram



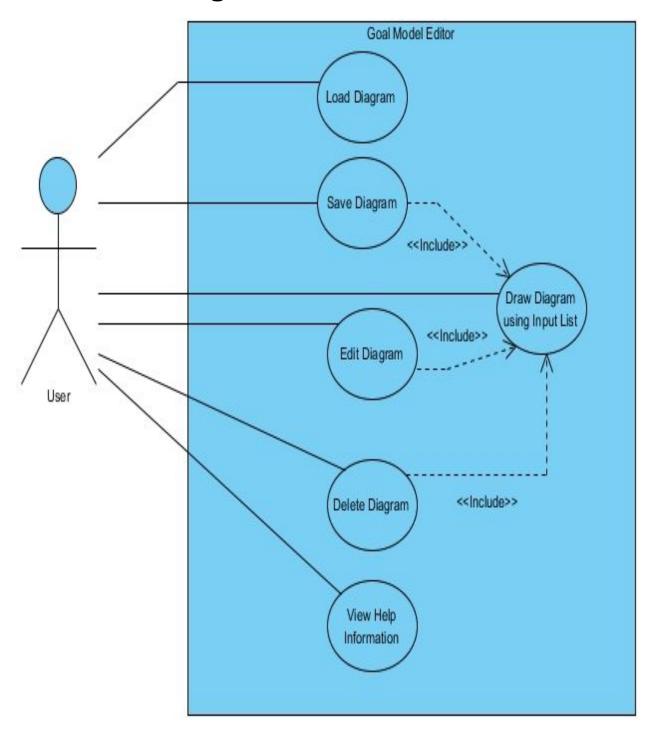


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Technology Mapping

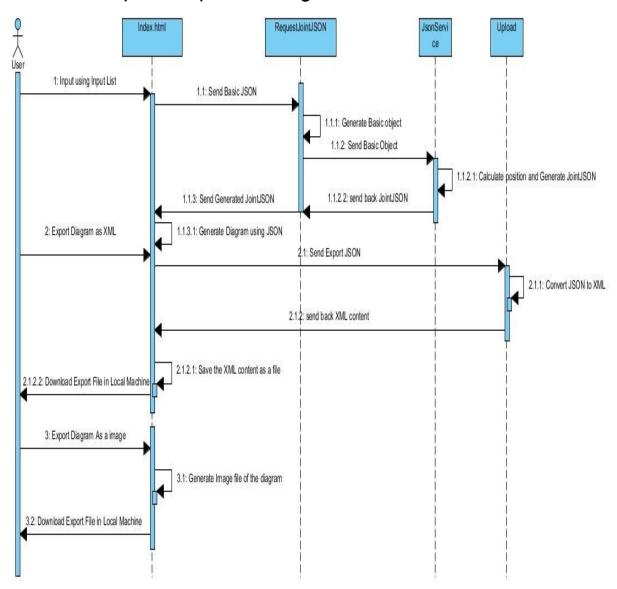


Use Case Diagram



Sequence Diagrams

Create and Export Sequence Diagram



Load and Update Sequence Diagram

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