V

GMS Graph Data Model in UML

Ε

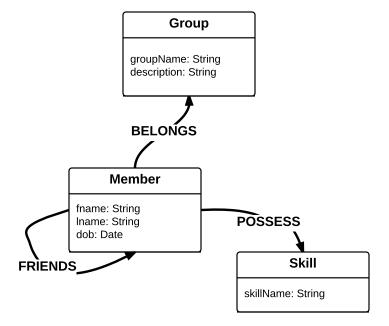
creationDT: DateTime {default sysdate()}

Out = From Vertex
In = To Vertex
Out Vertex -- Edge --> In Vertex
Edges are ONE Directional only!

Cardinality between Vertexes are Always Many-To-Many in a Graph

creationDT: DateTime {default sysdate()}

Vertex Classes inherit V



Edge Classes inherit E

BELONGS

startDate: Date endDate: Date status: String

FRIENDS

startDate: Date

POSSESS

startDate: Date

Note: Avoided the use of "KNOWS" since a Member can Know another Member or Know a Skill, so i'm trying to use more specific wording here to reduce ambiguity.