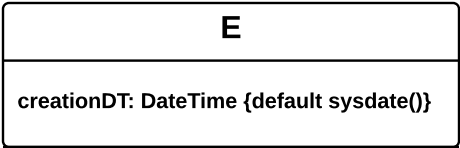


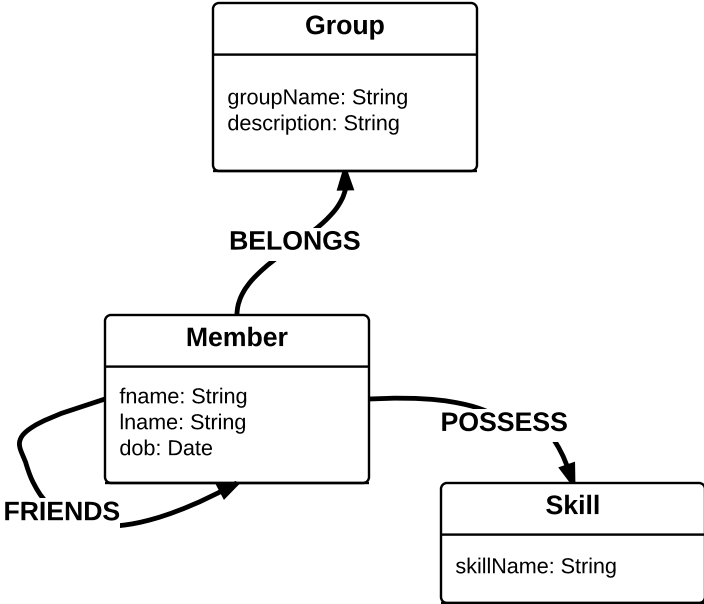
GMS Graph Data Model in UML



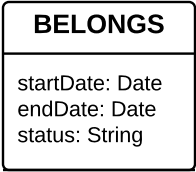
Cardinality between Vertexes are Always
Many-To-Many in a Graph

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

Vertex Classes inherit V



Edge Classes inherit E



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.