

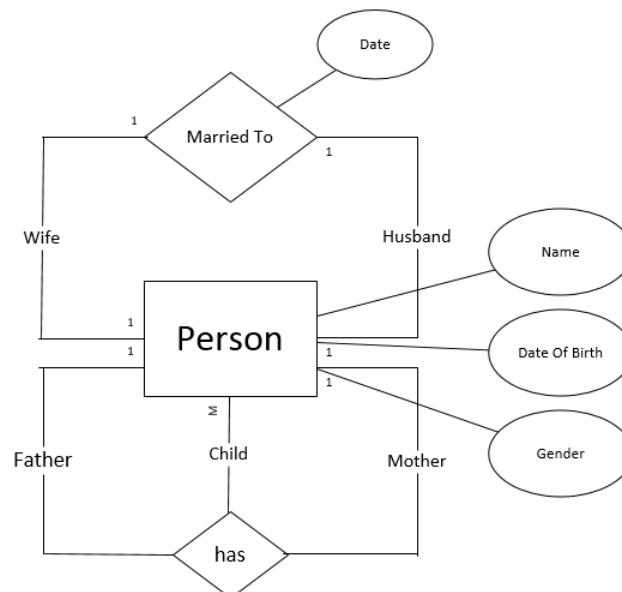
CS5560- KDM - Lab#1 Assignment

This document consists of following information.

1. **ER Diagram:** For the following Scenario.
Suppose we wish to keep a genealogy. We shall have one entity set, Person. The information we wish to record about persons includes their name (an attribute) and the following relationships: mother, father, and children. Give an E/R diagram involving the Person entity set and all the relationships in which it is involved. Include relationships for mother, father, and children. Extend it with additional relationships such as husband and wife. Do not forget to indicate roles when an entity set is used more than once in a relationship.
2. **Class Diagram:** For the following Scenario
For the given domain (i.e., Family), define UML Class Diagram that specifies classes and their relationships with specific relationships such as inheritance, aggregation, composition, dependence, association, etc.
3. GitHub Account Screenshots(username: davinashreddy)
4. ScrumDo Account Screenshots(link: <https://www.scrumdo.com/organization/umkc32/dashboard>)

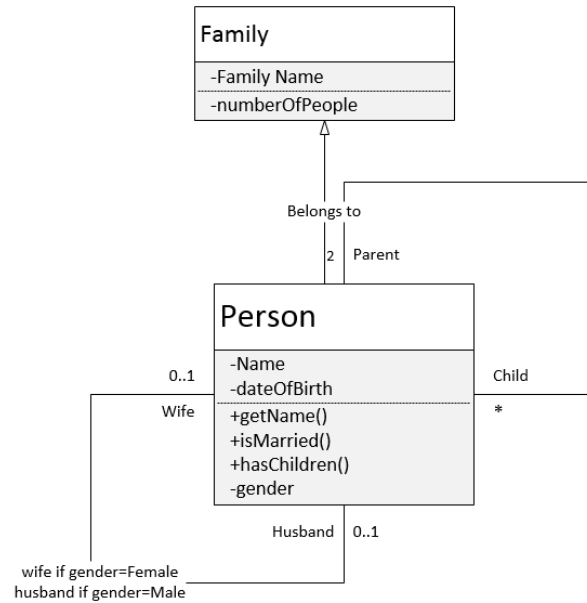
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- This ER Diagram is created using Microsoft Visio Professional Edition

E-R Diagram for Genealogy

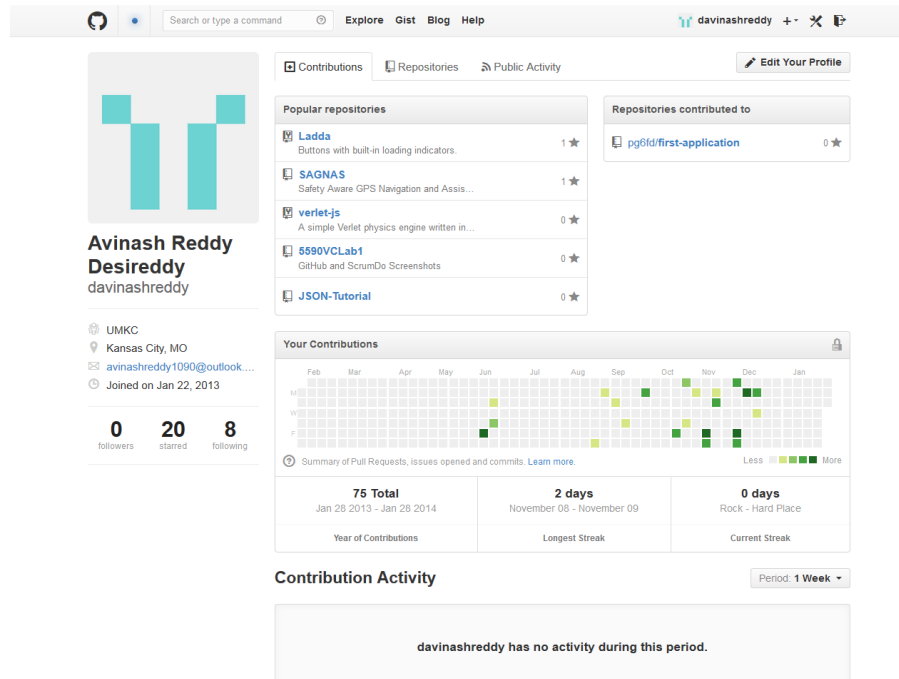


- This Class Diagram is created using Microsoft Visio Professional edition

Class Diagram for Genealogy



3. GitHub Account Screenshot



4. ScrumDo Account Screenshot

The screenshot shows a ScrumDo account dashboard for a user named 'Umkc'. The dashboard is divided into several sections:

- Summary:** A row of five cards showing key metrics: Active Projects (1), Total Stories (18), Total Tasks (0), Users (3), and Overall Velocity (8).
- News feed:** A list of recent updates and tasks, including story modifications, status changes, and task completions.
- Watched Projects:** A section titled 'EmergenSync' showing 16 stories and a velocity of 8.

The interface includes a top navigation bar with the ScrumDo logo and a search bar. The bottom of the screen shows a Windows taskbar with various application icons.