

ER Diagram

Intercollege CP Tournament Analysis Database

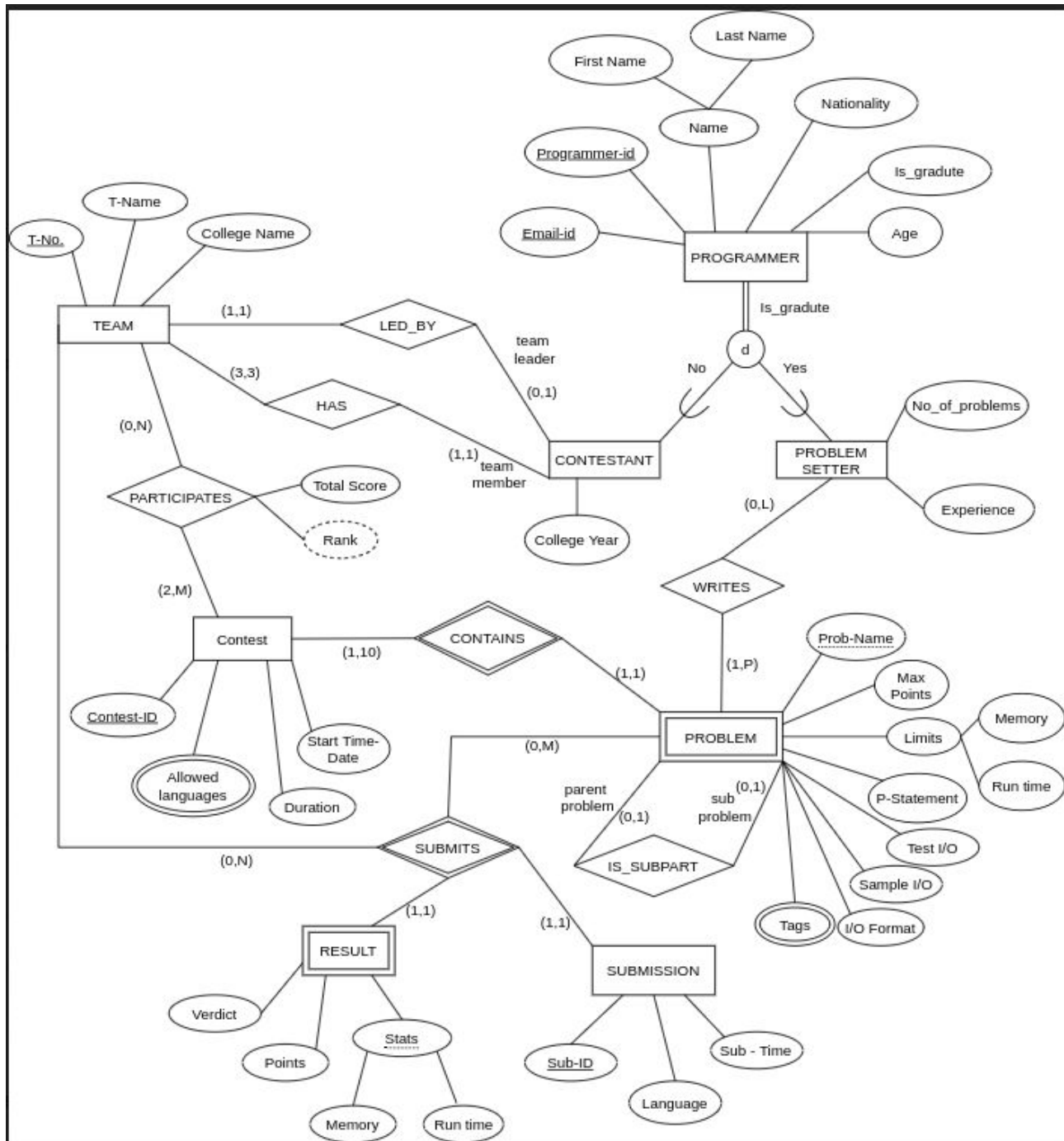
Data and Applications Project: Phase 2

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ER DIAGRAM:



CHANGES:

Note: **Bold** are entities. CAPS are relationships. *Italic* are attributes.

- Renamed one relation Between **Team** and **Contestant** to HAS - this denotes that a team is made of 3 contestants.
- Renamed other relation Between **Team** and **Contestant** to LED_BY - this denotes that a team is led by only one contestant.
- Changed constraints around the SUBMITS (4-ary relationship),
New constraints: **Team** (0,N), **Problem** (0,M), **Submission** (1,1), **Result**(1,1).
- Changed constraints around the PARTICIPATES,
New constraints: **Contest** (2,M), **Team** (0,N)