

DATABASE MANAGEMENT SYSTEM MINI PROJECT **(SPACE DATABASE)**

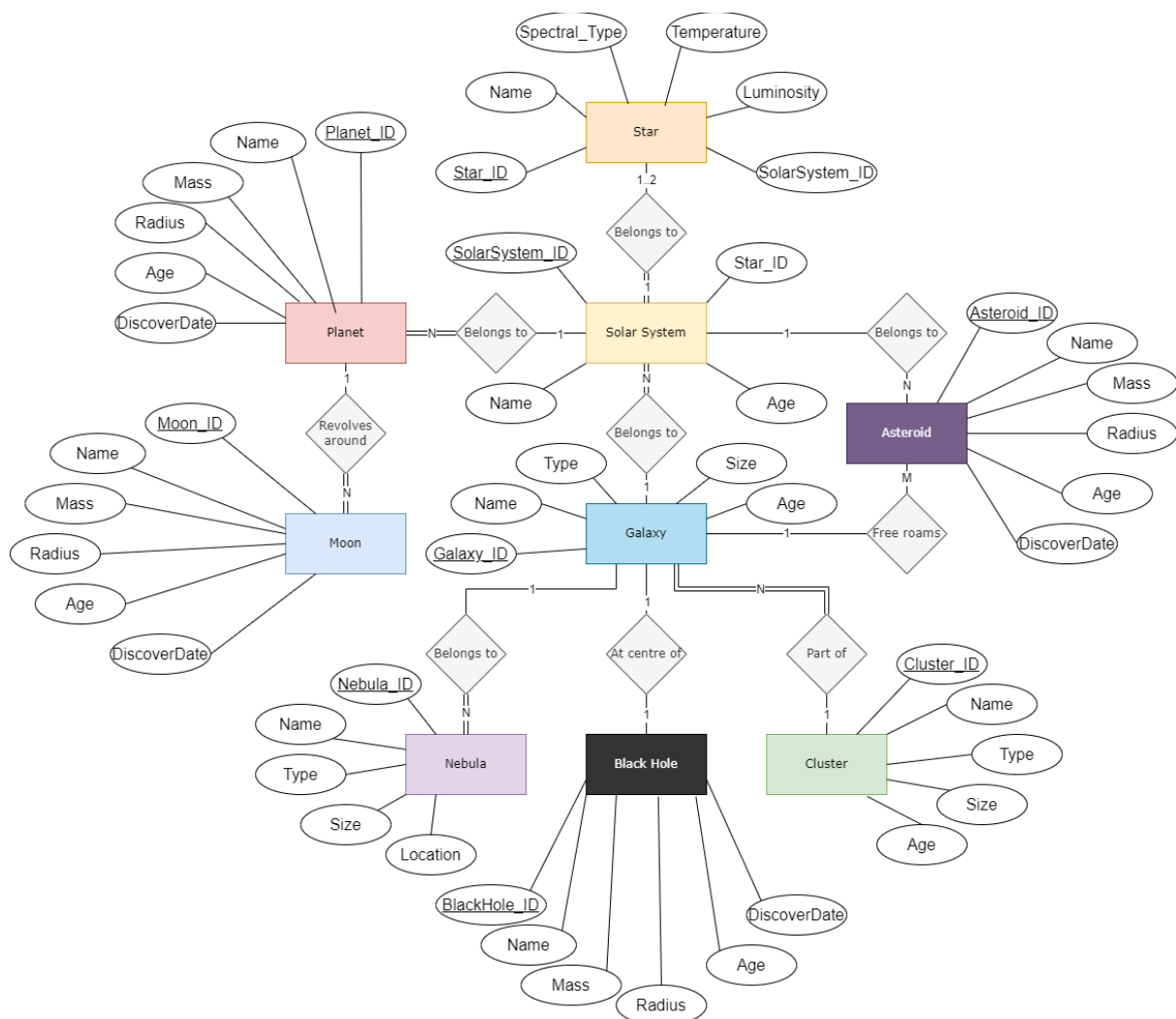
TEAM MEMBER DETAILS

NAMES : PRANAV AMBIG
SRN : PES1UG21CS434

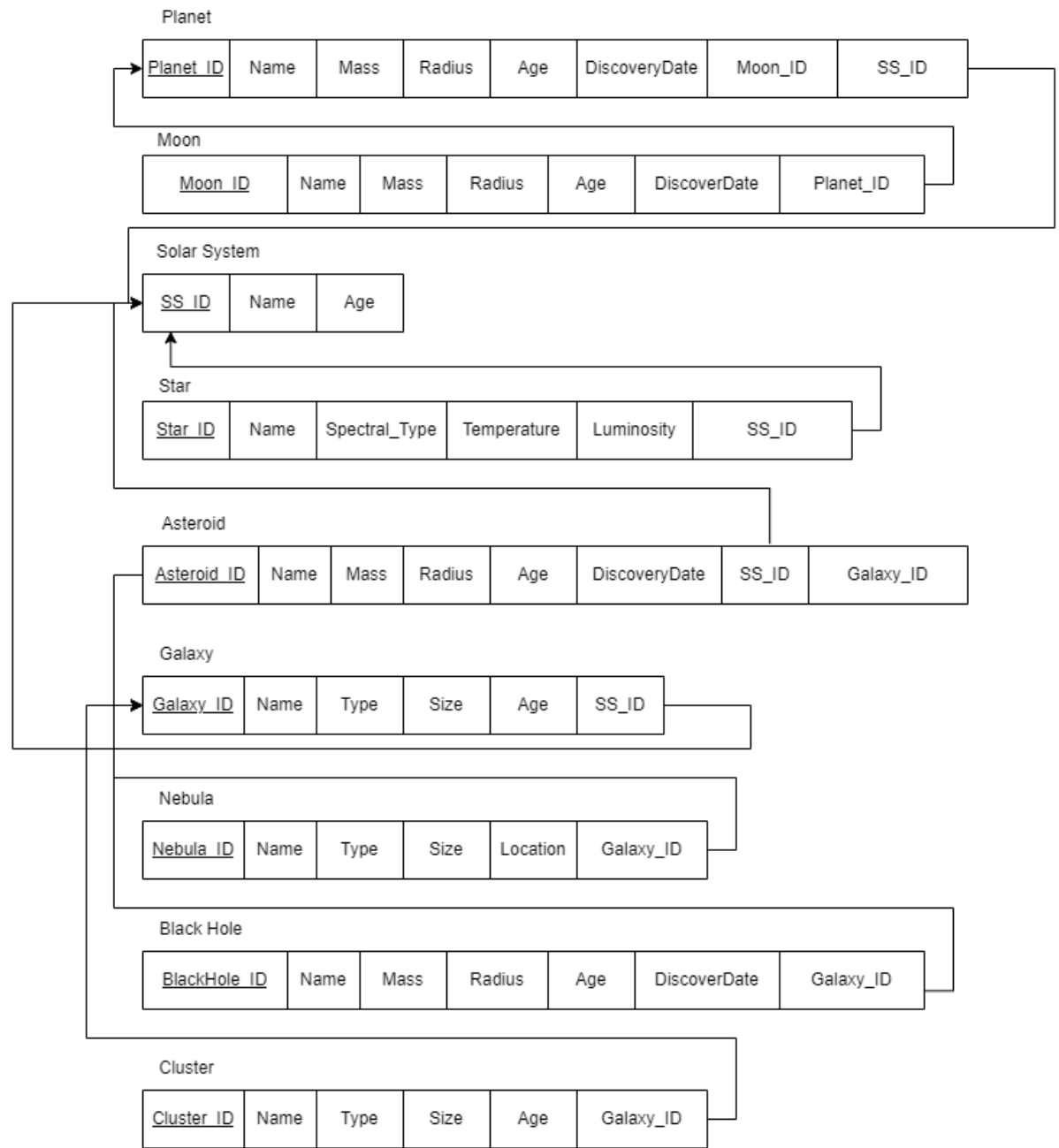
NAME : PURAB NAGARAJ
SRN : PES1UG21CS459

SECTION : 5H

SPACE DATABASE ER-DIAGRAM



SPACE DATABASE RELATIONAL SCHEMA



SPACE DATABASE USER REQUIREMENTS

The user requirements for a space database are as follows:-

- Astronomical research and modelling.
- Education and outreach for teaching and popularizing astronomy.
- Planning observations for amateur astronomers.
- Providing information and inspiration for space enthusiasts.
- Supporting mission planning and space exploration for space agencies.
- Data analysis, visualization, and communication of astronomical concepts.
- Accessing historical records of astronomical observations.
- Decision-making and space debris tracking for government agencies.
- Supporting space engineers and spacecraft designers.
- Enabling contributions from citizen scientists and amateur astronomers.
- Facilitating research in astrobiology and habitability studies.
- Monitoring space weather and cosmic rays for environmental research.
- Inspiring creative works and art related to space and astronomy.