**Advanced DBMS**

**CO1 QUESTION**

**Problem 1**

Design an Entity-Relationship schema for a database of research projects. The database should contain the information about:

projects: name, manager, budget, duration (in years), funding agency¡

employees: SSN, name, projects, salary¡

funding agencies: name, address.

Each project is funded by a single agency. Project names are unique within an agency. An employee can be associated with several projects. Managers are employees. You can make

other additional assumptions that make sense in the real world.

**Problem 2**

Produce a relational schema in BCNF from the E-R schema obtained in Problem 1

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