Sri Sudheera Chitipolu
S538422

Normalization form for EER Diagram of Boat Database

BOAT (RegisterNumber, Size)

YACHT_BOAT (YRegisterNumber, Length, Height)

    FK   YRegisterNumber → BOAT

CRUISEBOAT (CRegisterNumber, EngineID)

    FK   CRegisterNumber → BOAT

HARBOAR (Number, Location, YRegisterNumber)

    FK   YRegisterNumber → YACHT_BOAT

CRUISESERVICES (Date, CRegisterNumber, Work, Hours)

    FK   CRegisterNumber → CRUISEBOAT

CRUISETYPE (Model, Capacity, Weight, CRegisterNumber)

    FK   CRegisterNumber → CRUISEBOAT

OWNER (FName, LName, Street, Pin, Areacode, LocalNum)

OWNS (Pdate, Model, FName, LName)

    FK   Model → CRUISETYPE

    FK   FName, LName → Owner

CORPORATION (CFName, CLName, CompanyId)

    FK   CFName, CLName → OWNER

PERSON (<u>PFName</u>, <u>PLName</u>, SSN)

> FK   PFName, PLName → OWNER

EMPLOYEE (<u>EmployeeID</u>, Salary, Shift)

EMPLOYEESKILL (<u>EmployeeID</u>, <u>Skill</u>)

> FK   EmployeeID → EMLPOYEE

MAINTAIN (<u>EmployeeID</u>, <u>Date</u>)

> FK   EmployeeID → EMPLOYEE

> FK   Date → CRUISESERVICES

WORKS_ON (<u>Model</u>, <u>EmployeeID</u>)

> FK   Model → CRUISETYPE

> FK   EmployeeID → EMPLOYEE