

ENTITIES:

Project (ProjectID, Name, Desc, Start, End, creation)

Bank (Routing ID, Name, Address, Phone)

Account (Number, owner, Balance)

Fund (ID, Amount, start, End)

Experiment (ExpID, Desc, start, End, organization, Address)

Employees (SSN, First, Middle, Last, Address, Phone, Email, Role, DOJ)

Vehicle (Number, price, Admin)

Equipment (EquipmentID, Name, Description)

Boreholes (ID, Depth, Location, Date, Testing Type)

Soil (ID, Type, start, End)

PRIMARY KEYS:

ProjectID, Project Name, RoutingID, Acc Num,

FundID, ExpID, Role, Last Name, veh Num, Equipment

ID, BHID, soilID

SUBCLASSES: Employee, civil Engineer, operator, CSSpecialist

Mohamad Salaam

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Project \leftrightarrow Experiment
1 \rightarrow M

zipcode \leftrightarrow Experiment
M \leftrightarrow M

Employees \leftrightarrow Experiments
1 \rightarrow M

Employees \leftrightarrow Equipment
1 \rightarrow M

Experiments \leftrightarrow Equipment
M \leftrightarrow M

Experiment \leftrightarrow BH
1 \rightarrow M

BH \leftrightarrow soil
1 \rightarrow M

Experiments \leftrightarrow BH
M \leftrightarrow M

Account \leftrightarrow Bank
M \leftrightarrow 1

Project \leftrightarrow Employees
M \leftrightarrow M

ALDOT DATABASE

* Mohamed Gabaam
904076898

