**Key**

Underlined: Primary Key

*Italicized:* Foreign Key

**Entities**

RepairMachine(repairID, machineID, timein, timeout, status, coverage, *custID, empID, bID*)

Problem(problemID, description)

Bill(bID, amount)

Customer(custID, cust\_name, cust\_phone)

ServiceItem(machineID, model, *custID, contractID, groupID*)

Contract(contractID, start\_date, end\_date)

Group(groupID, noofmachines)

RepairPerson(empID, emp\_name, emp\_phone)

**Relations**

Has(repairID, machineID, problemID) --Relates RepairMachine and Problem

--The rest of the tables are related by Foreign Key Constraints.

--Normalization was automatically done whilst creating the Schemas from the Relational Diagram.

--The cardinalities in the ER diagram were used to determine the Primary and Foreign Keys such that

--information was not repeated unnecessarily. Thus our tables should already be in BCNF.