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**In this diagram, there are several entities:**

Phone: This entity represents the mobile phones sold by the company. Its attributes are SN (primary key), color, phone number, and purchase date.

Customer: This entity represents the company's customers. Its attributes are ID number (primary key), name, and credit card number.

Bill: This entity represents the monthly bills sent to customers. Its attributes are account number (primary key), month, last payment date, and amount due.

Call: This entity represents the calls made by customers on their mobile devices. Its attributes are call ID (primary key), call date, call duration, and call time.

Repair: This entity represents the repairs performed by the company on mobile devices. Its attributes are reference number (primary key), delivery date, and return date.

**There are several relationships between these entities:**

Customer-Phone: This is a one-to-many relationship, where a customer can have multiple phones, but a phone can only belong to one customer.

Customer-Bill: This is a one-to-many relationship, where a customer can have multiple bills, but a bill can only belong to one customer.

Phone-Call: This is a one-to-many relationship, where a phone can have multiple calls, but a call can only belong to one phone.

Phone-Repair: This is a one-to-many relationship, where a phone can be repaired multiple times, but each repair is associated with only one phone.

There is also a sub-entity under the Customer entity called Account, which represents the billing account for each customer. This sub-entity has its own attributes (account number, month, last payment date, and amount due) and its own primary key (account number). This is a one-to-many relationship between Customer and Account, where a customer can have multiple accounts, but an account can only belong to one customer.

Finally, there is an attribute for the Customer entity called Customer type, which represents whether the customer is a regular customer or a business customer. This attribute determines whether the customer is entitled to a certain number of free call minutes each month.