ENTITY RELATIONSHIP DIAGRAM

**Diagram Details**

ENTITIES

1. Android App User

2. Server and Database

3. GPS Device on Bus

RELATIONSHIP

1. Many user can request for location from Database Server, hence cardinality between Android App User and Server and Database is many to one.

2. Server and Database can interprets signal and request for position signal from GPS Device on Bus, hence the cardinality between them is one to one.

KEY ATTRIBUTES

1. Unique id of User is the key attribute for the entity "Android App User", as it identifies the Androoid Device uniquely.

2. GPS Unique id of User is the key attribute for the entity "GPS Device on Bus", as it identifies the BUS with GPS Device uniquely.