<div align="center">**CELLULAR PHONE SYSTEM**</div>

<div align="center">**correctness of the diagrams depends on the problem statement she gives so copy mindfully!**</div>

Termwork 1:

Ambiguities:

How will the system handle network congestion and call drops?

How will the system handle compatibility and interoperability issues with different types of cellular devices?

Inconsistencies:

There are inconsistencies in the quality and reliability of cellular network coverage in different geographic locations.

There are inconsistencies in the pricing and availability of different cellular devices and plans.

There are inconsistencies in the speed and reliability of data services on different cellular networks.

Incompleteness:

The system does not specify how it will handle the integration of different types of cellular services, such as voice calls, messaging, and data services.

The system does not specify how it will handle the management of user data and preferences.

The system does not specify how it will handle the coordination and scheduling of different cellular services.

Functional Requirements:

The system should be able to provide voice calling services to users.

The system should be able to provide messaging services to users.

The system should be able to provide data services to users.

The system should be able to provide location tracking services in case of emergency calls.

The system should be able to provide reliable and high-quality network coverage.

The system should be able to provide a user-friendly interface for users to access different services.

Non-functional Requirements:

The system should be scalable to accommodate a large number of users.

The system should be secure and protect user data and privacy.

The system should be reliable and minimize the risk of network failures and call drops.

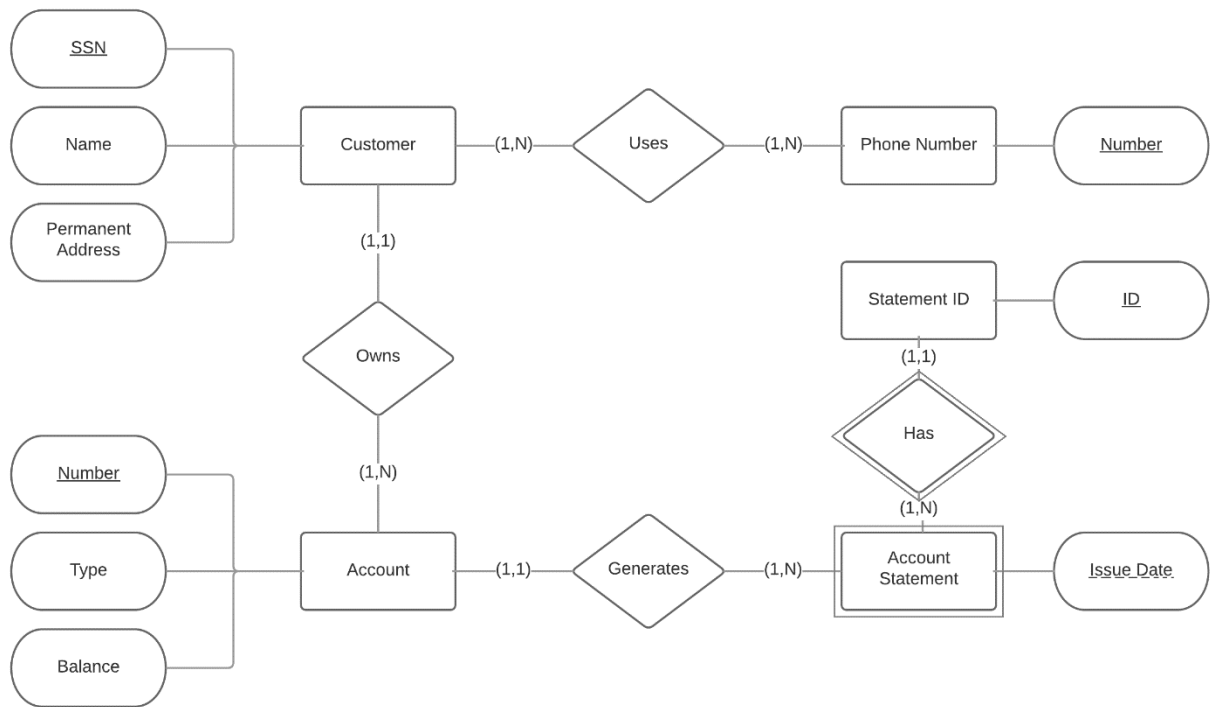The system should be energy-efficient and eco-friendly.

The system should be easy to use and navigate for users of different age groups and technical expertise.

The system should provide efficient and timely technical support and customer service to the users
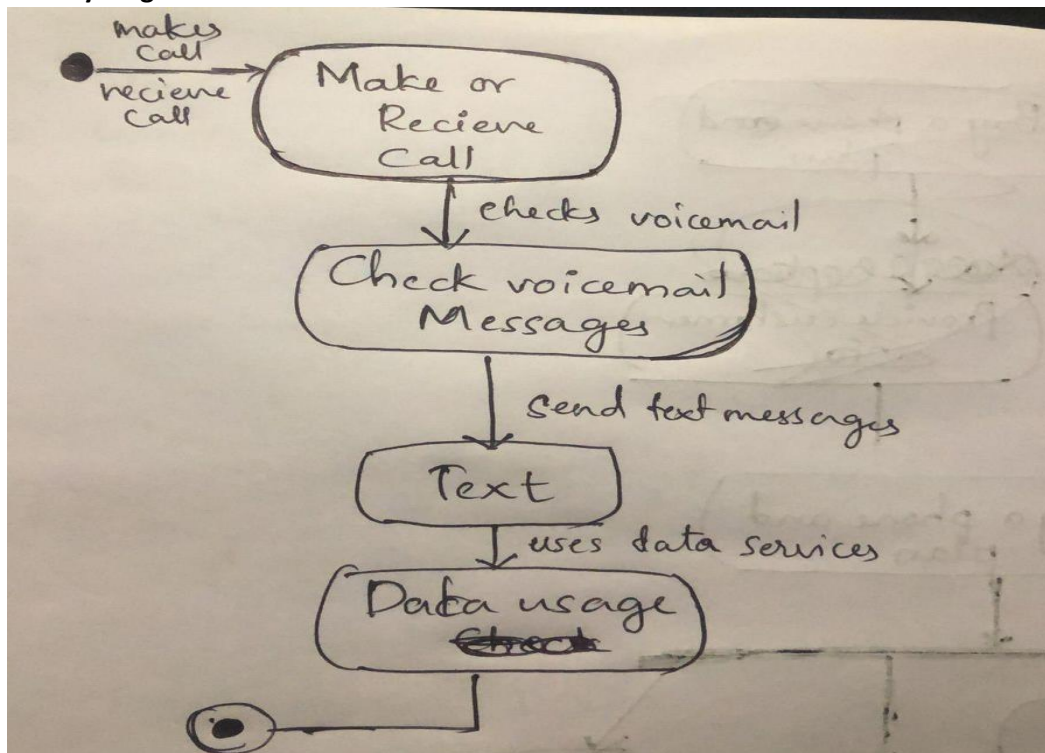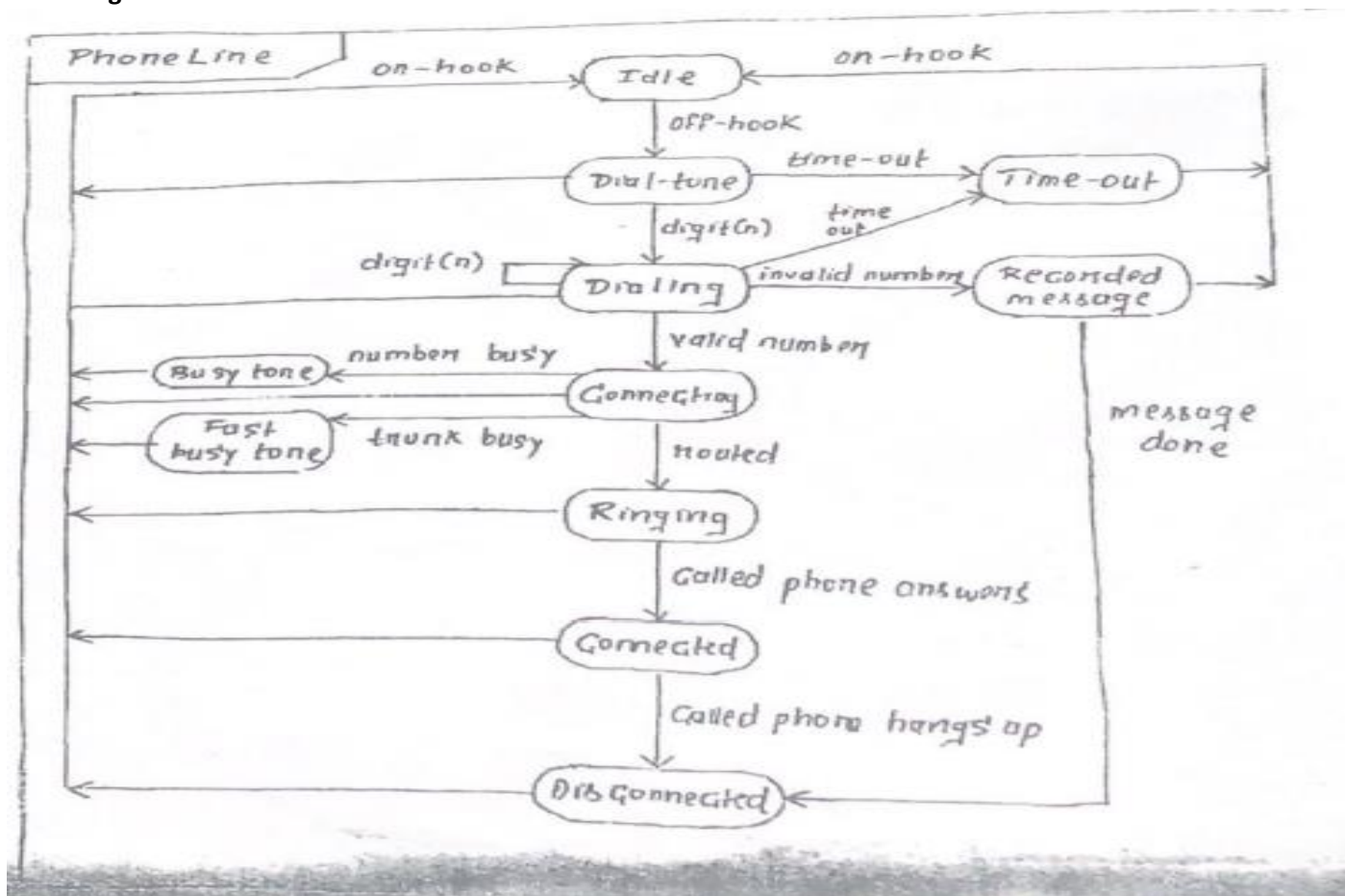
Termwork 2:
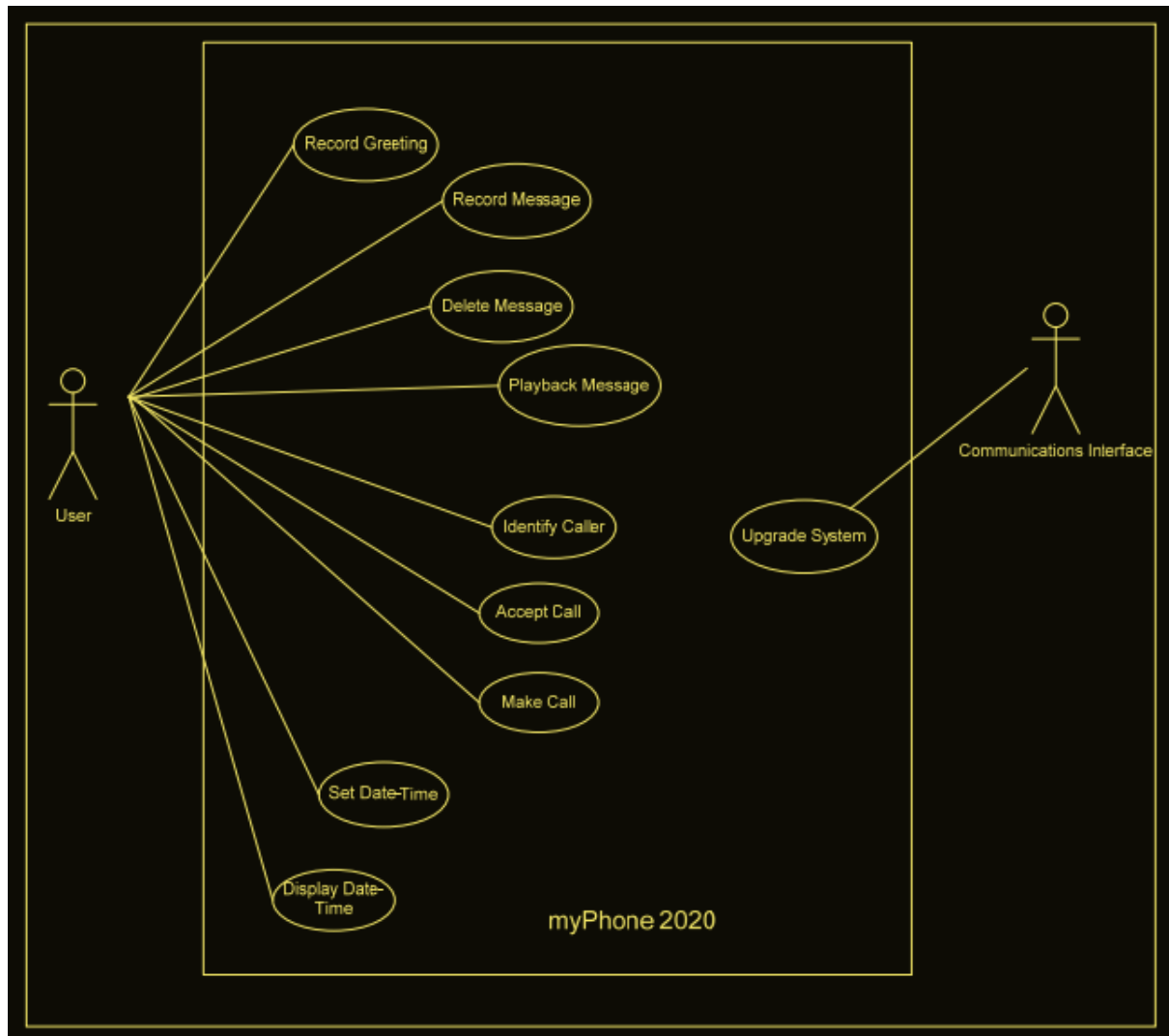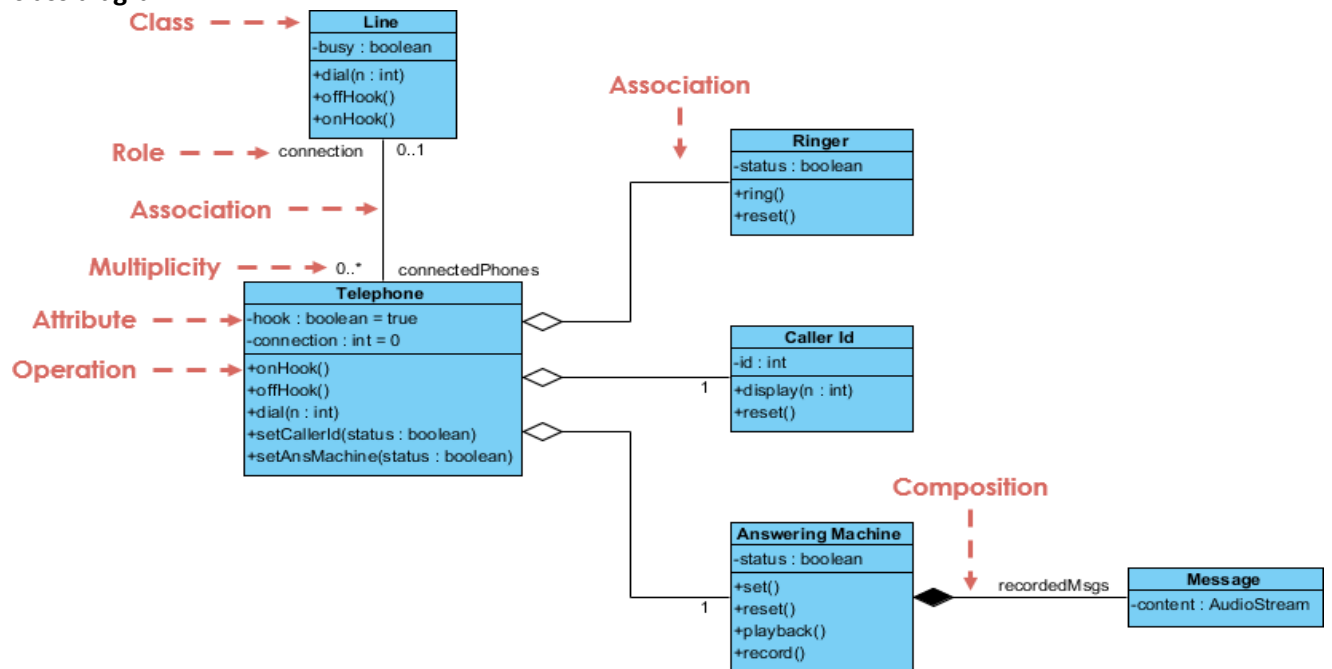
Termwork 3:

Termwork 5:
activity diagram:

state diagram:

Termwork 6:

class diagram:

sequence diagram:

Termwork 7:

DIY ☹