1.Use Figma to create an interactive diagram illustrating the components of a basic cellular system.

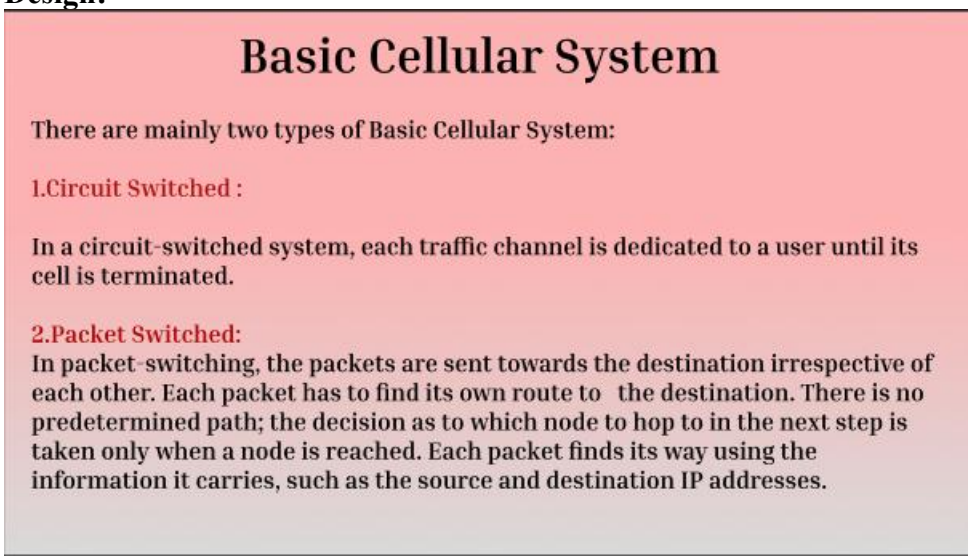
Aim: -

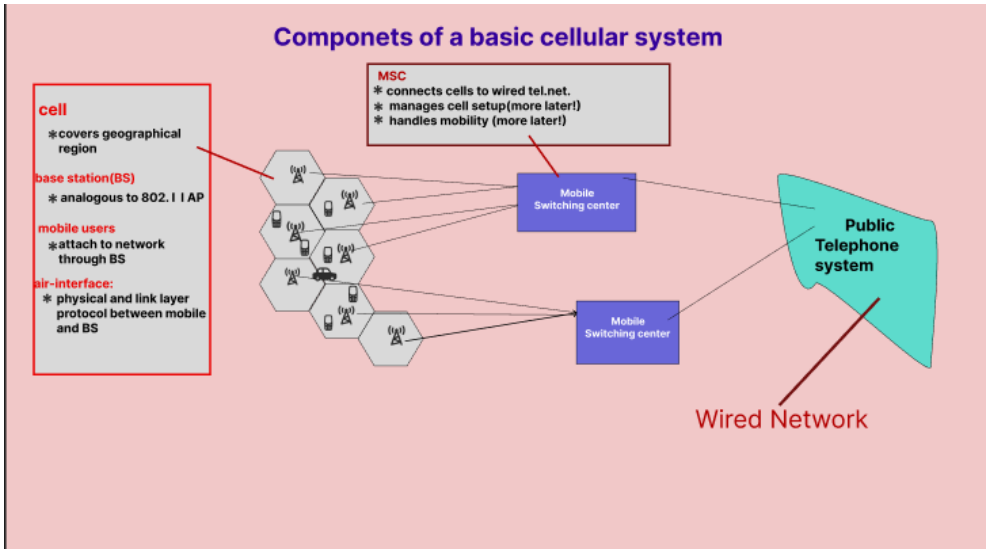
To create an interactive diagram illustrating the components of a basic cellular system

Procedure: -

1. open Figma
2. Create a new file
3. Select the Frames
4. Fill in the content that is required for presentation
5. Design Visual Elements
6. Make it Interactive
7. Add Annotations and Explanations
8. Incorporate Multimedia
9. Storyboard Animation
11. Review and edit the Prototype
12. Save and Share

Design: -





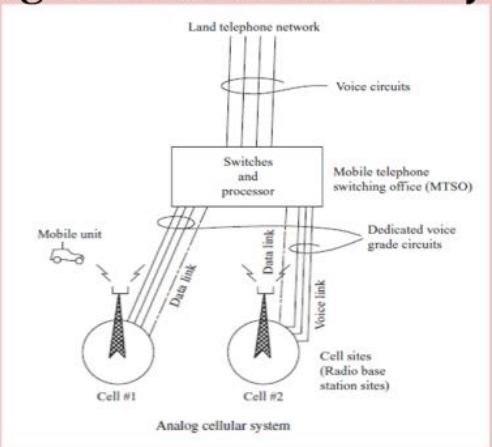
Analog Circuit-Switched System

A basic analog cellular system consists of three subsystems:
1. A Mobile Unit

2. A Cell Site

3. A Mobile Telephone Switching Office (MTSO) with CONNECTIONS to link the three subsystems

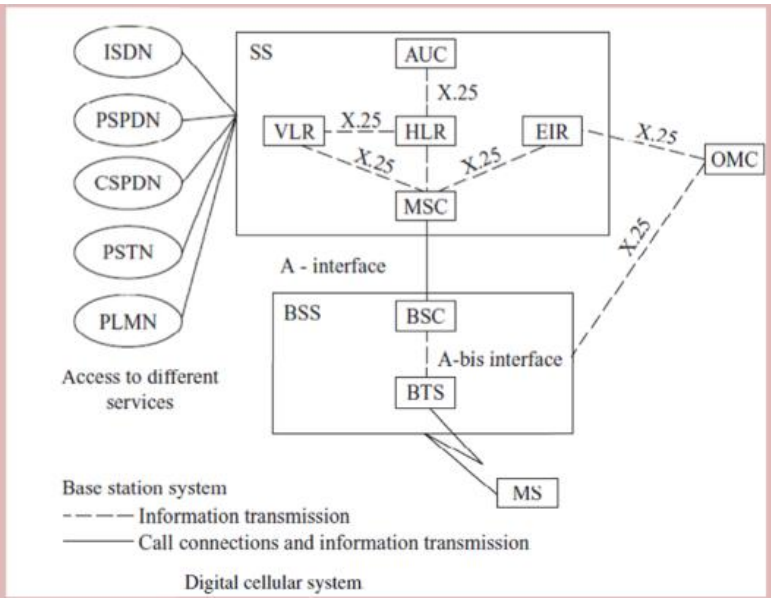
Analog Circuit-Switched System



Digital Circuit-Switched System

A Basic Digital System consists of four elements:

1. Mobile Station
2. Base Transceiver Station (BTS)
3. Base Station Controller (BSC)
4. Switching Subsystems

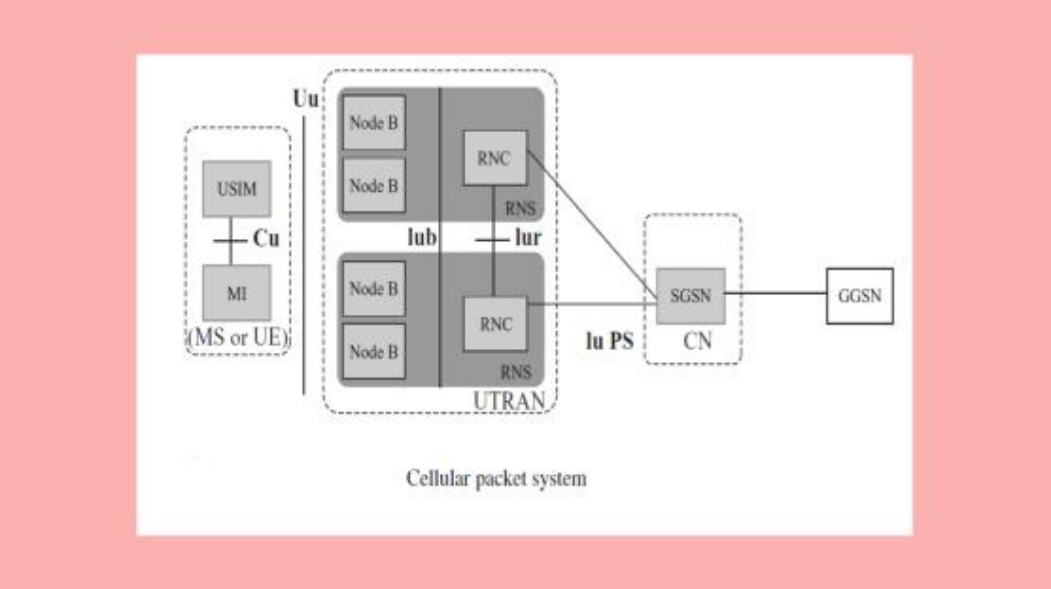


Digital cellular system

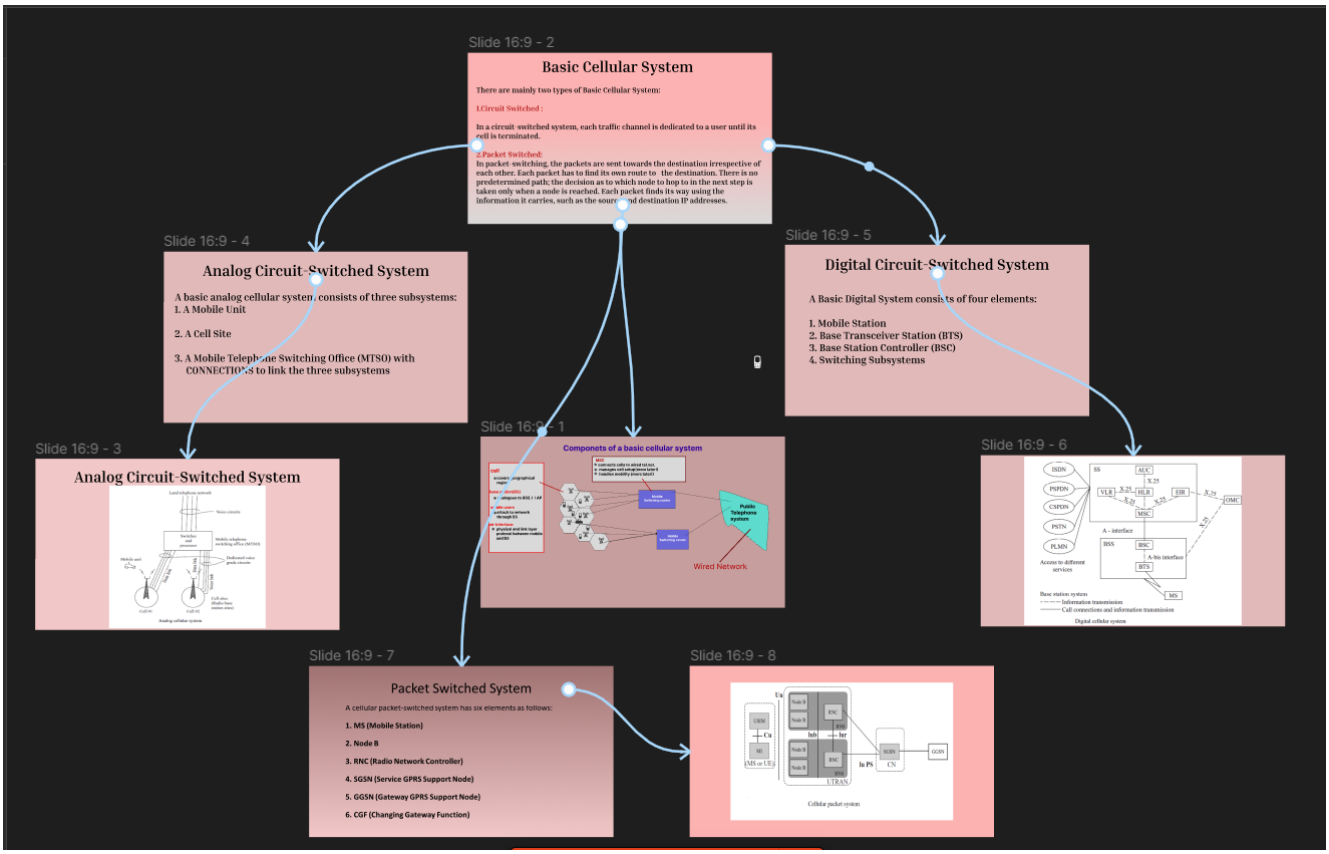
Packet Switched System

A cellular packet-switched system has six elements as follows:

1. **MS (Mobile Station)**
2. **Node B**
3. **RNC (Radio Network Controller)**
4. **SGSN (Service GPRS Support Node)**
5. **GGSN (Gateway GPRS Support Node)**
6. **CGF (Changing Gateway Function)**



Prototype: -



Result: -

Hence an interactive diagram illustrating the components of a basic cellular system using Figma is created and executed successfully