

EXPERIMENT-8

192421416

SUGANTHARAJA.A

9. Develop a user interface prototype for a GSM service using Figma.

Aim: To develop a user interface prototype for a GSM service using Figma.

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
10. Review and edit the Prototype
11. Save and Share **Design:**

GSM SERVICE

GSM stands for Global System for Mobile Communications. It is a standard developed to describe protocols for second-generation (2G) digital cellular networks used by mobile phones. GSM is the most widely used standard for mobile communication in the world.

GSM uses digital technology for both voice and data transmission. This allows for clearer and more reliable communication compared to earlier analog systems.

GSM uses Subscriber Identity Module (SIM) cards to identify and authenticate users.

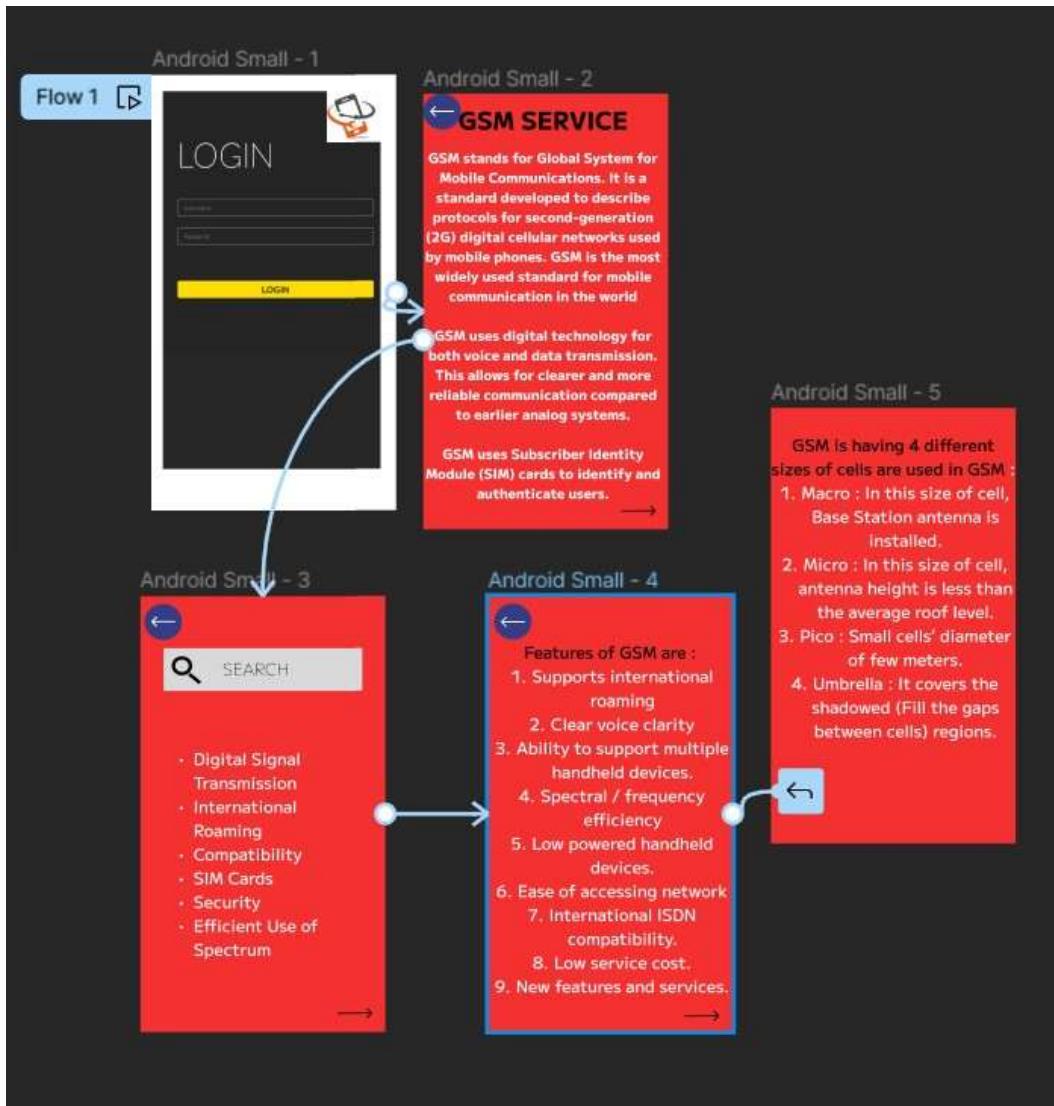
Features of GSM are :

1. Supports international roaming
2. Clear voice clarity
3. Ability to support multiple handheld devices.
4. Spectral / frequency efficiency
5. Low powered handheld devices.
6. Ease of accessing network
7. International ISDN compatibility.
8. Low service cost.
9. New features and services.

GSM is having 4 different sizes of cells are used in GSM

1. Macro : In this size of cell, Base Station antenna is installed.
2. Micro : In this size of cell, antenna height is less than the average roof level.
3. Pico : Small cells' diameter of few meters.
4. Umbrella : It covers the shadowed (Fill the gaps between cells) regions.

Prototype:



Result:

Hence developed a user interface prototype for a GSM service using Figma.