

Modern Learning and Discussion App For NIT Students

[DESIGN PRESENTATION]

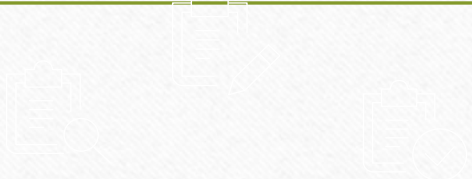
Presented by:

Davies A Marengue - NIT/BIT/2020/1201

Mentor:

Jovin Kamala

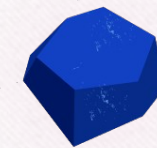




Problem Statement

In learning processes and activities there is a challenge on how to conduct interactive and conducive discussions.

So there is a need of a mobile app which will ease learning and discussion activities.





Main Objective

To design and develop a Modern Learning and Discussion App for NIT students.

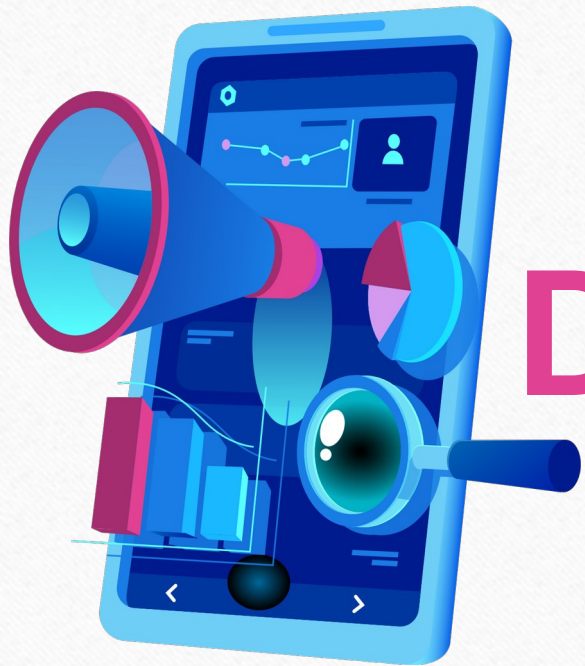
To design and develop a system where a student is able to retrieve and access the taught and discussed materials.

Specific Objectives



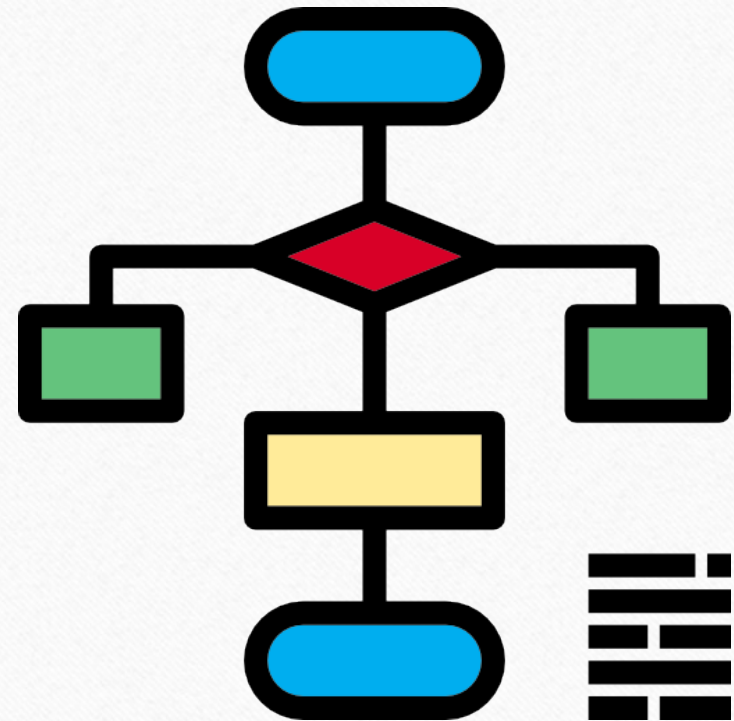
- To design and develop a discussion system where a discussion leader is full of control as the discussion slides are shared to other devices.
- To design and develop a whiteboard where a student is able to share it for live demonstration in terms of calculation, equations, drawings and illustrations.
- To design and develop a system where a student is able to retrieve and access the taught or discussion materials.

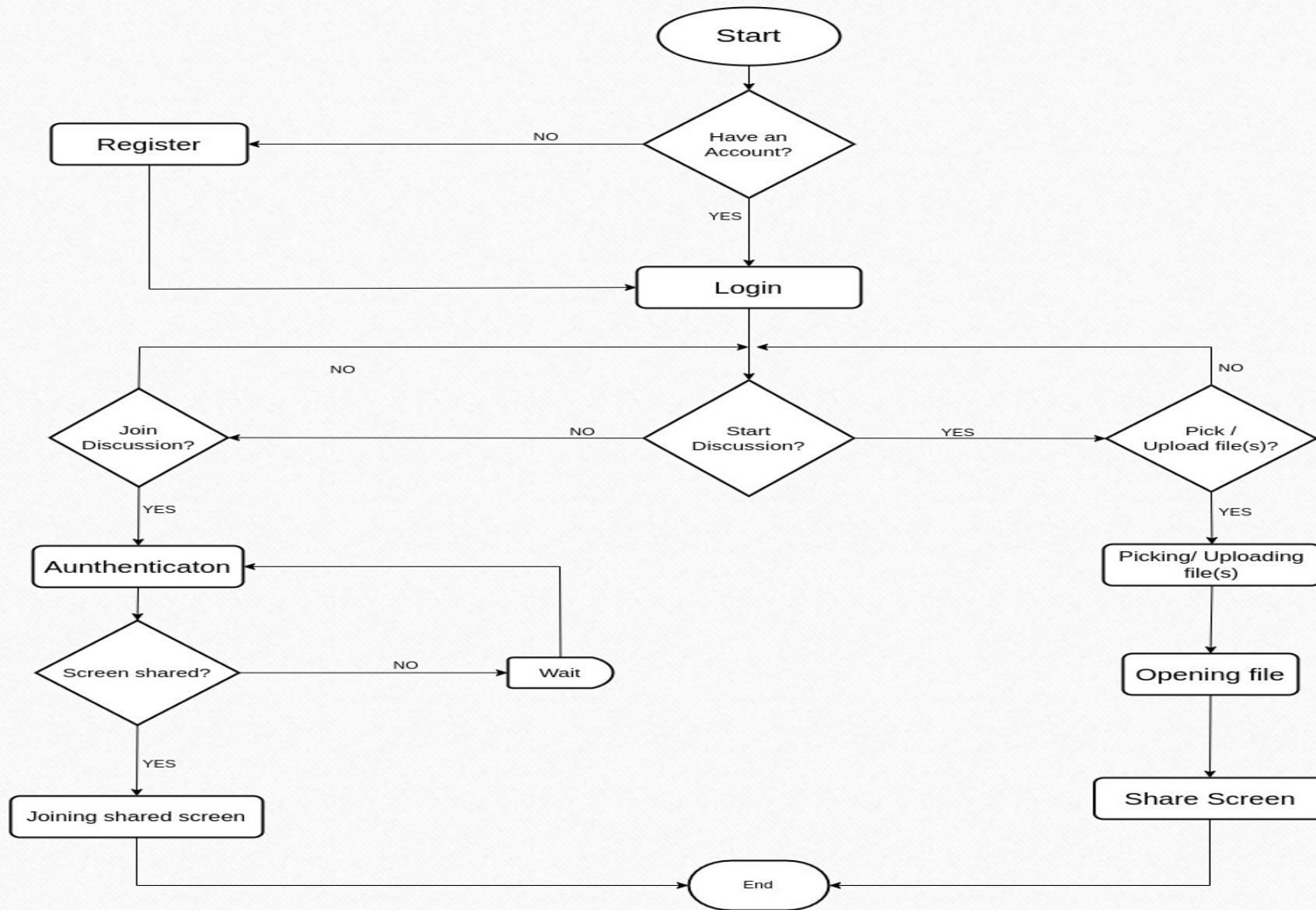




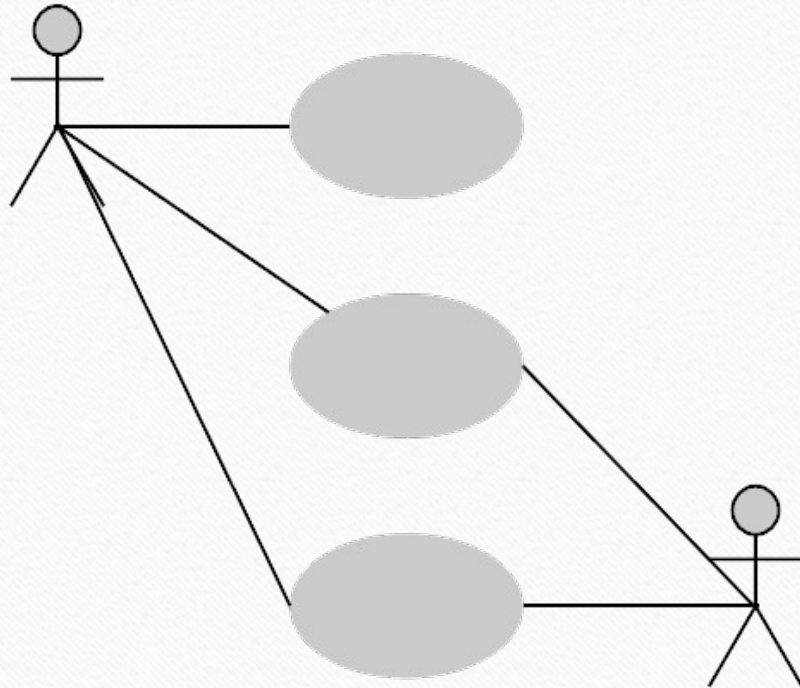
DESIGN DIAGRAMS

1. Flow Chart Diagram





[Features to enhance]

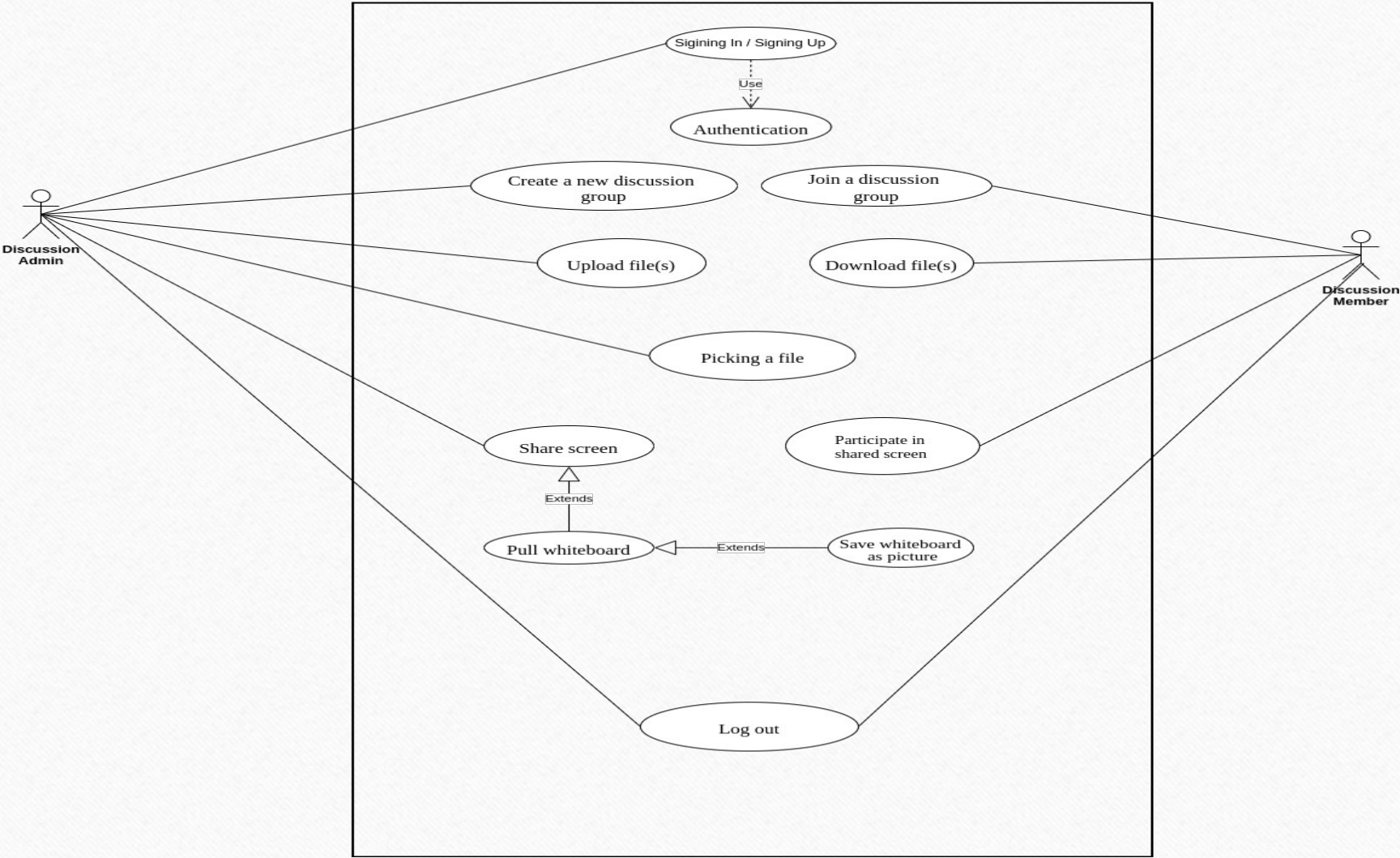


2. Use Case Diagram

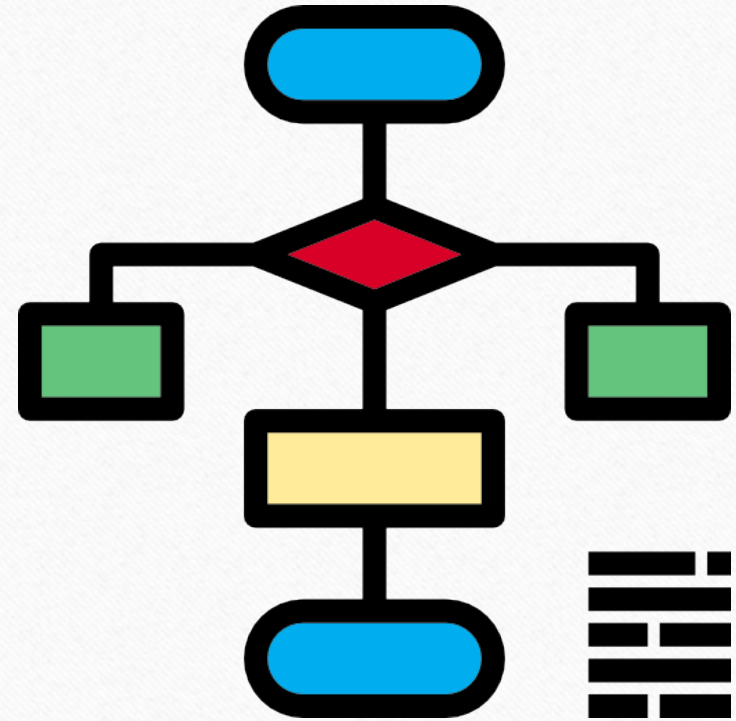
Miro

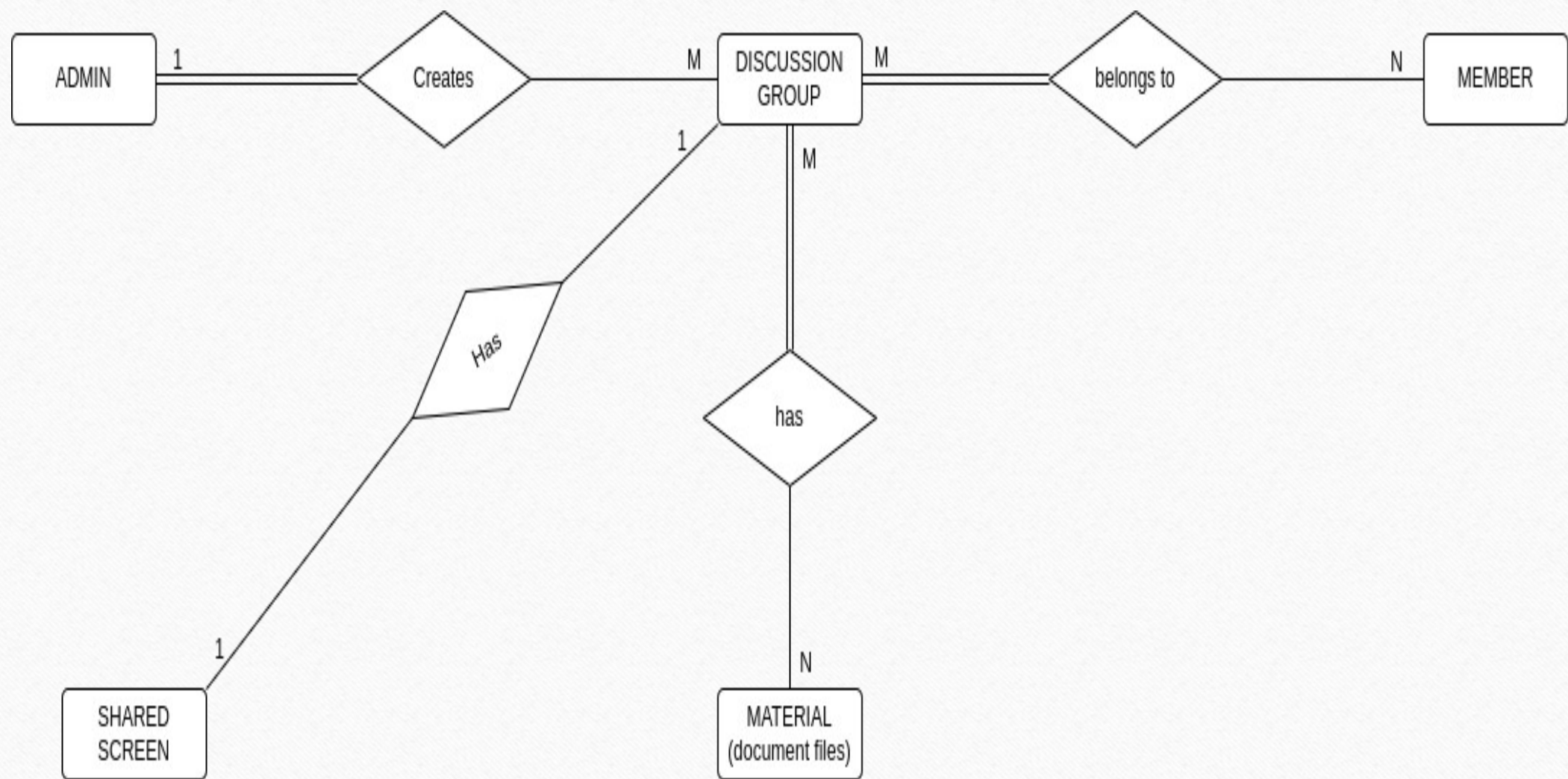
Customization feature, access control,

Discussion System

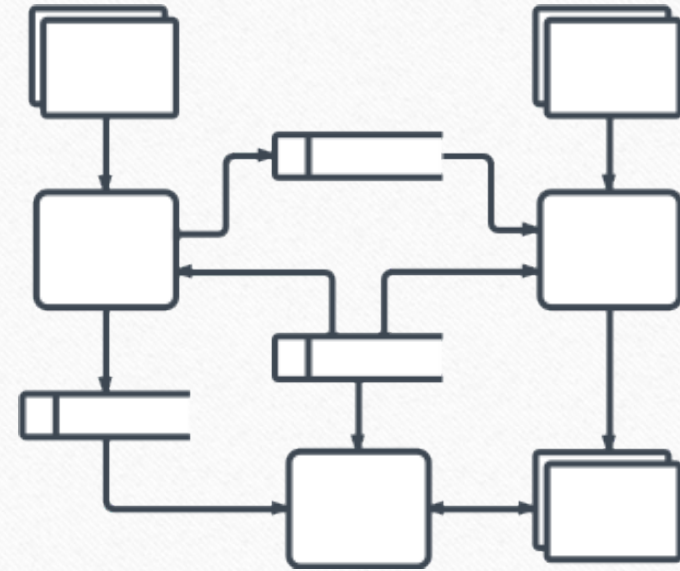


3. Entity Relation Diagram

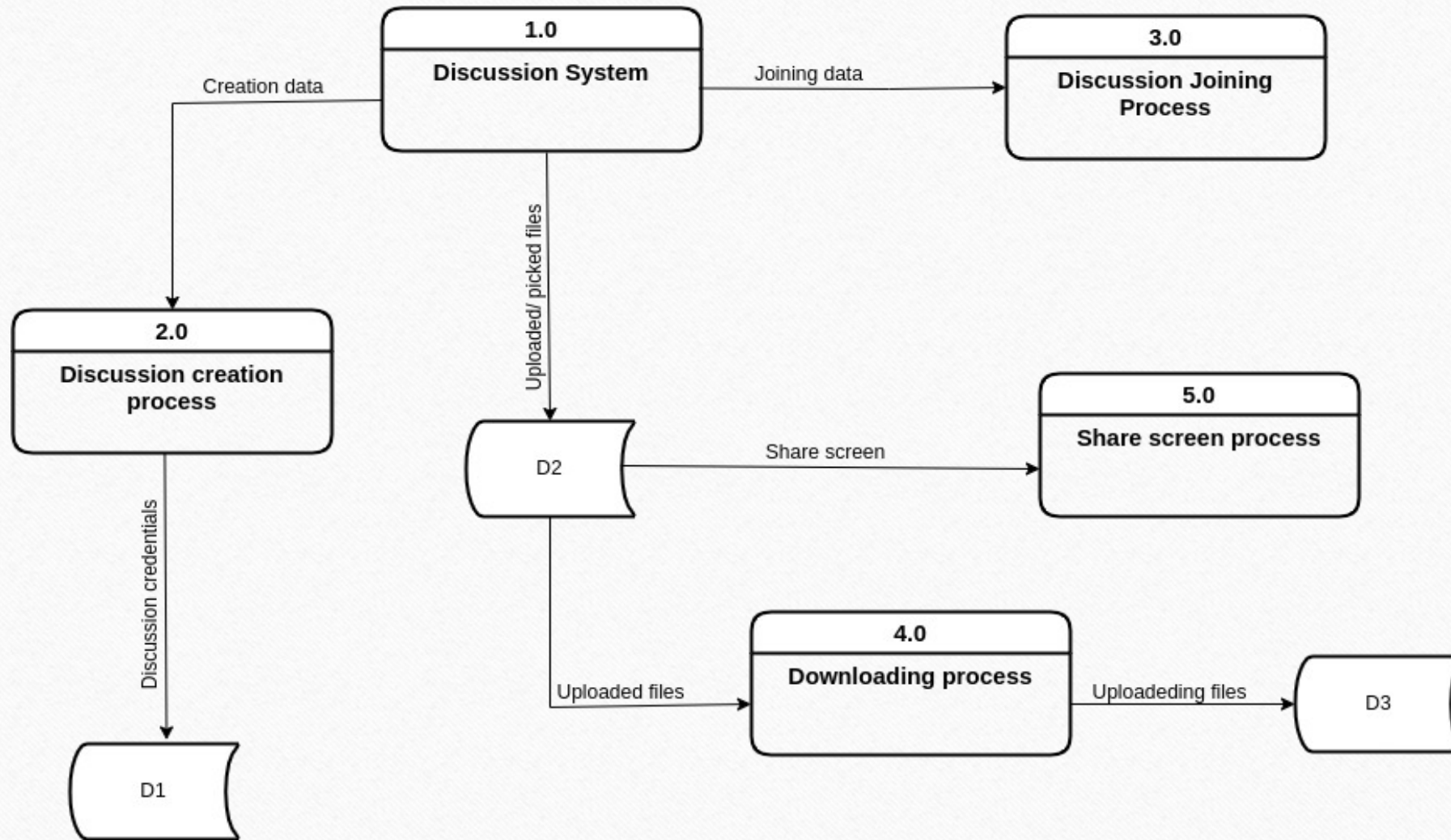




4. Data Flow Diagram



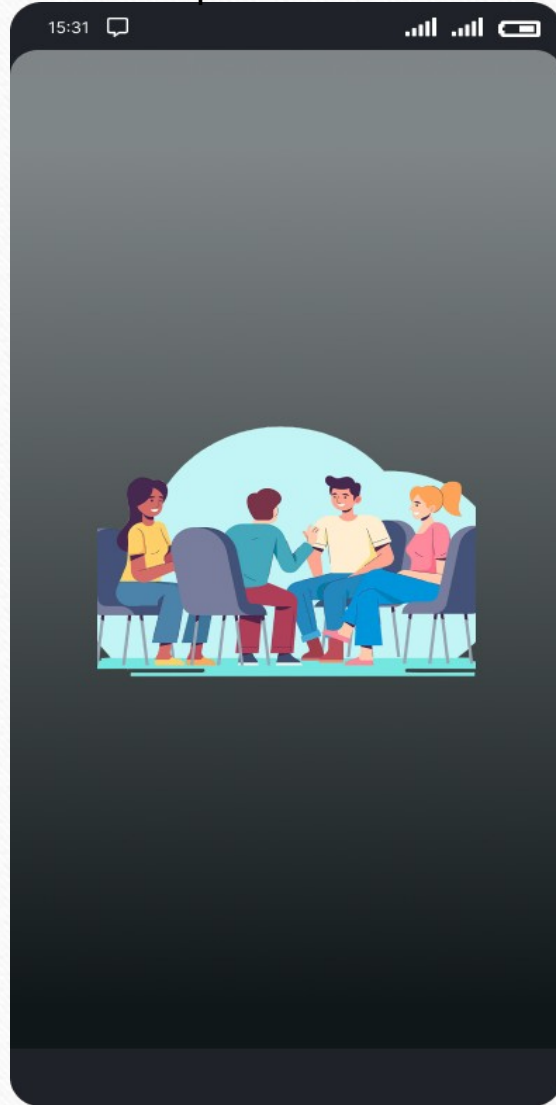
Level 0



5. App Interfaces



Splash Screen



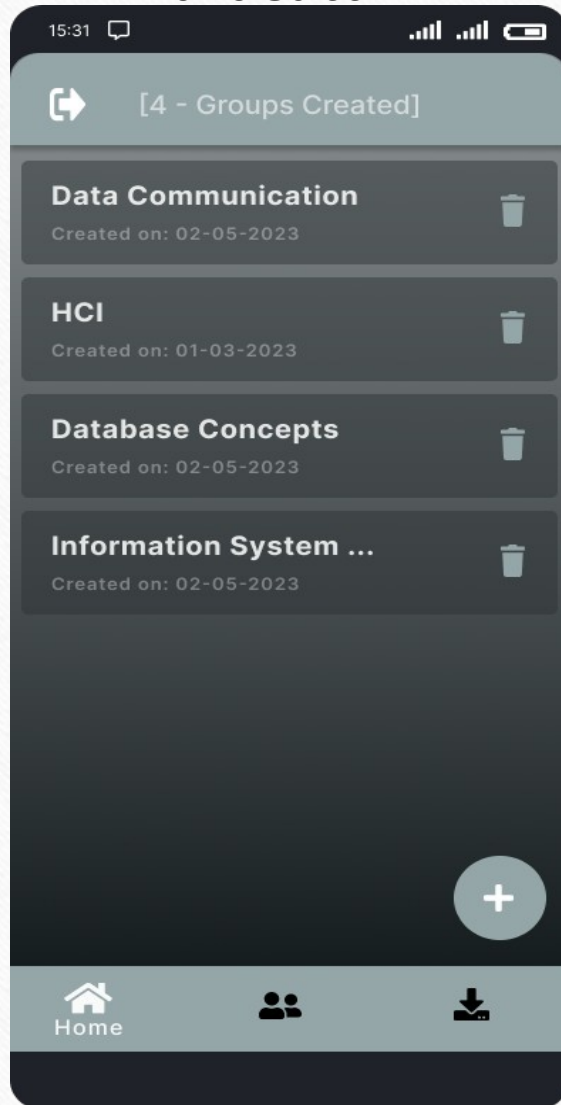
Sign In Screen

A mobile app sign in screen with a dark gray background. It features a status bar at the top with the time 15:31 and system icons. The screen contains two input fields: "Email" with an envelope icon and "Password" with a lock icon. Below these is a light blue "Sign In" button. Further down is a "Google Sign In" button with the Google logo. At the bottom, there is a link that says "Don't have an account? Sign Up".

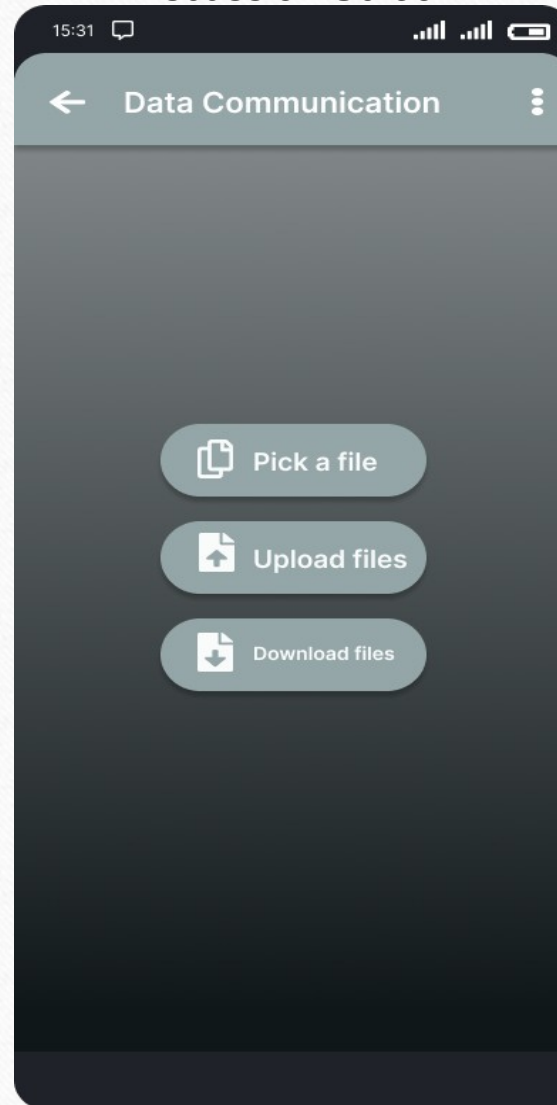
Sign Up Screen

A mobile app sign up screen with a dark gray background. It features a status bar at the top with the time 15:31 and system icons. The screen contains three input fields: "Username" with a person icon, "Email" with an envelope icon, and "Password" with a lock icon. Below the password field is a "Confirm Password" field with a lock icon. A light blue "Sign Up" button is positioned below the confirm password field. At the bottom, there is a link that says "Have an account? Sign In".

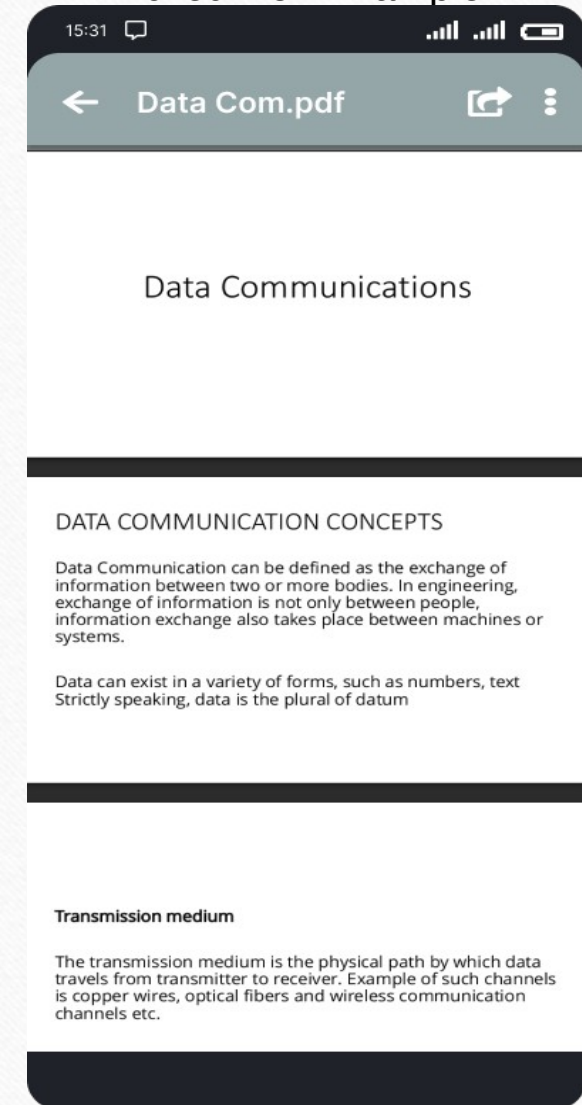
Home Screen



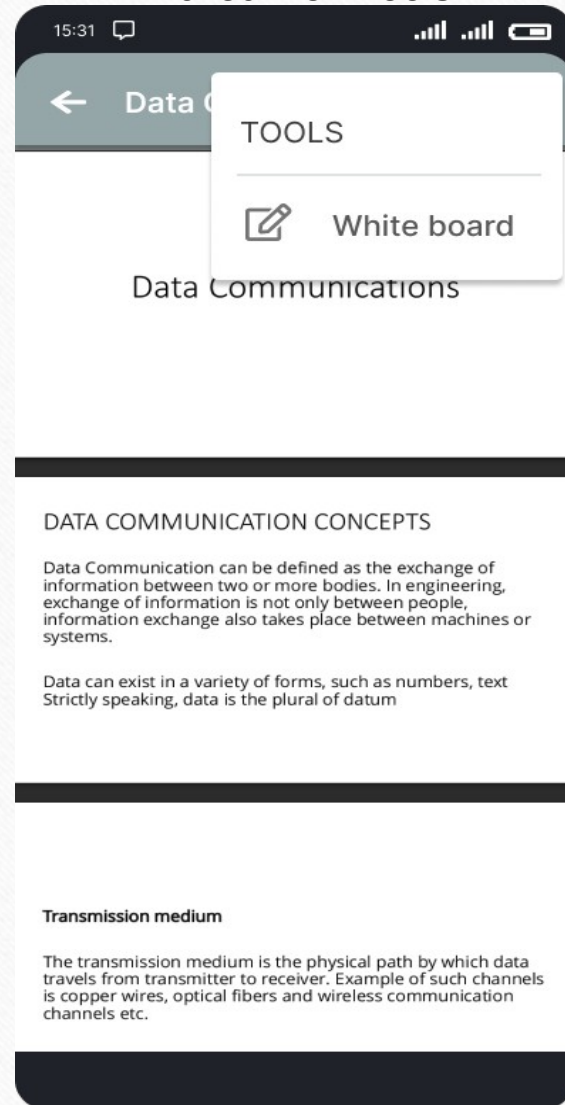
Discussion Screen



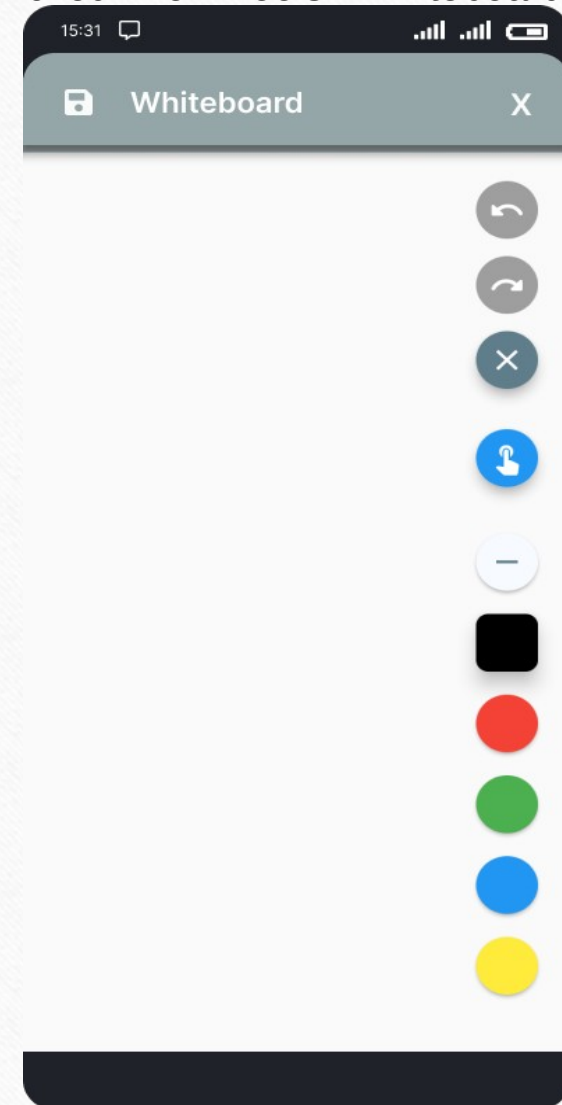
Picked file - Example



Picked file - Tools



Picked File – Tools >Whiteboard



THANK YOU