MPL Prerequisites Document

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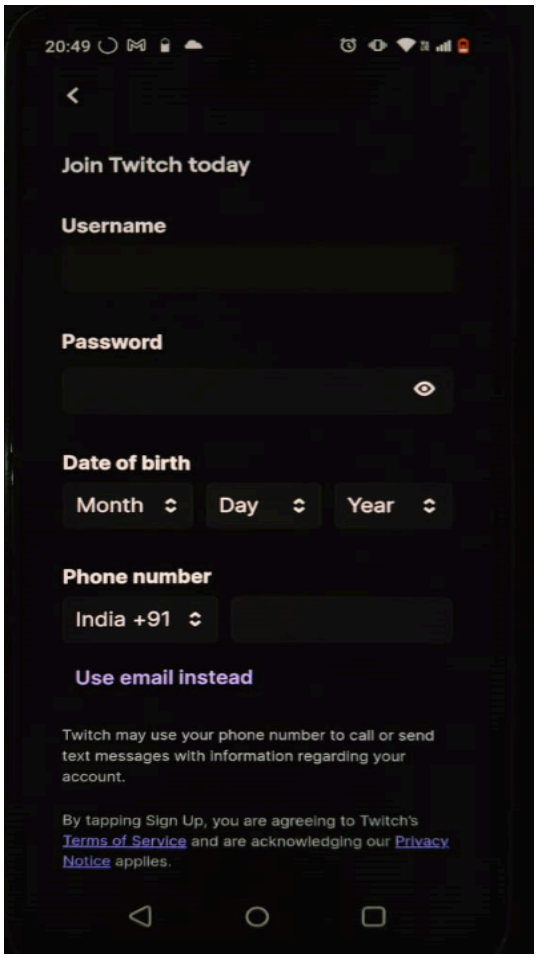
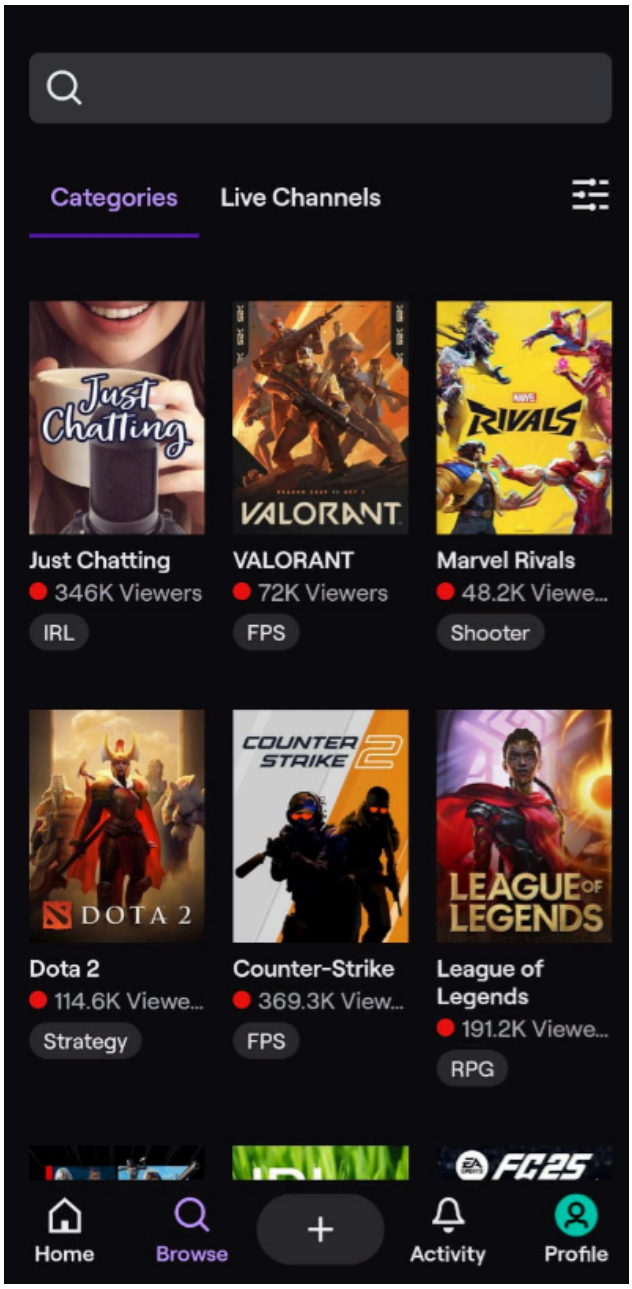
D15A / 32

AIM : Selecting features for application development, the features should comprise of:
- Common widgets
- Should include icons, images, charts etc.
- Should have an interactive Form
- Should apply navigation, routing and gestures
- Should connect with FireBase database

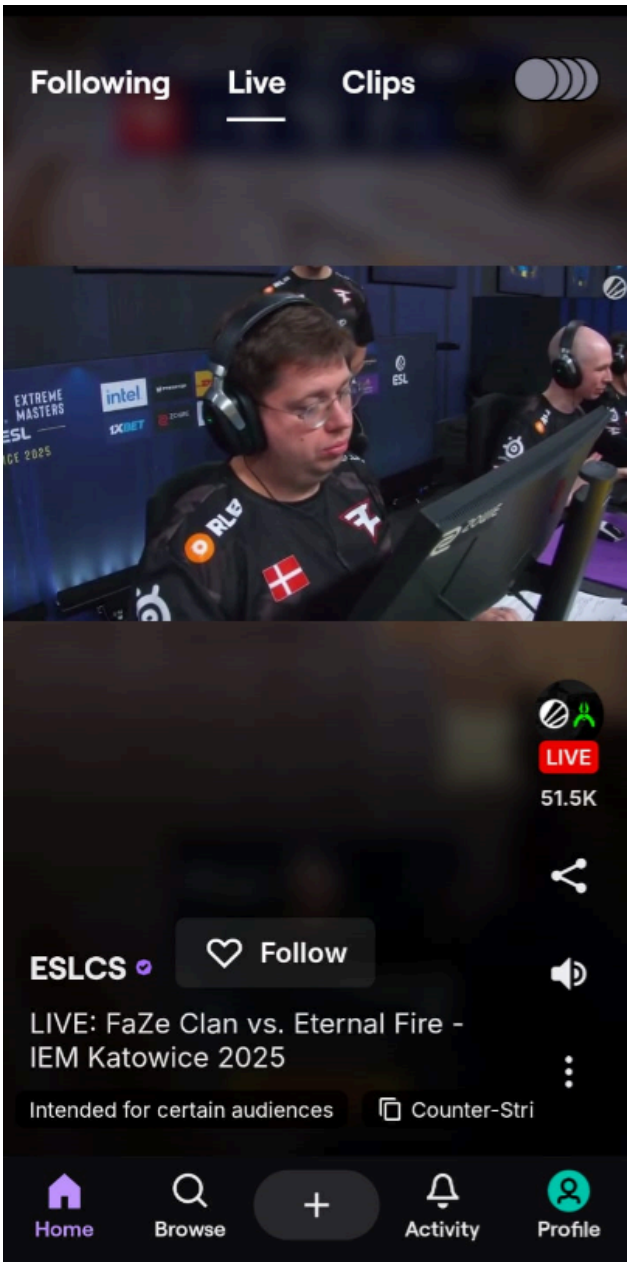
No.	Screenshot	Feature
1.		**Firebase Integration** • **Firebase Authentication**: Enables login/sign-up via Twitch credentials, Google, or email. • **Cloud Firestore**: Stores user profiles, chat messages, or stream history. • **Firebase Storage**: Saves profile pictures, stream thumbnails, or media files. • **Firebase Messaging**: Sends notifications for new streams, messages, or follows. **Interactive Form** • **TextField**: Used for login, sign-up, or sending chat messages. • **DropdownButton**: Allows selecting stream categories or preferences.

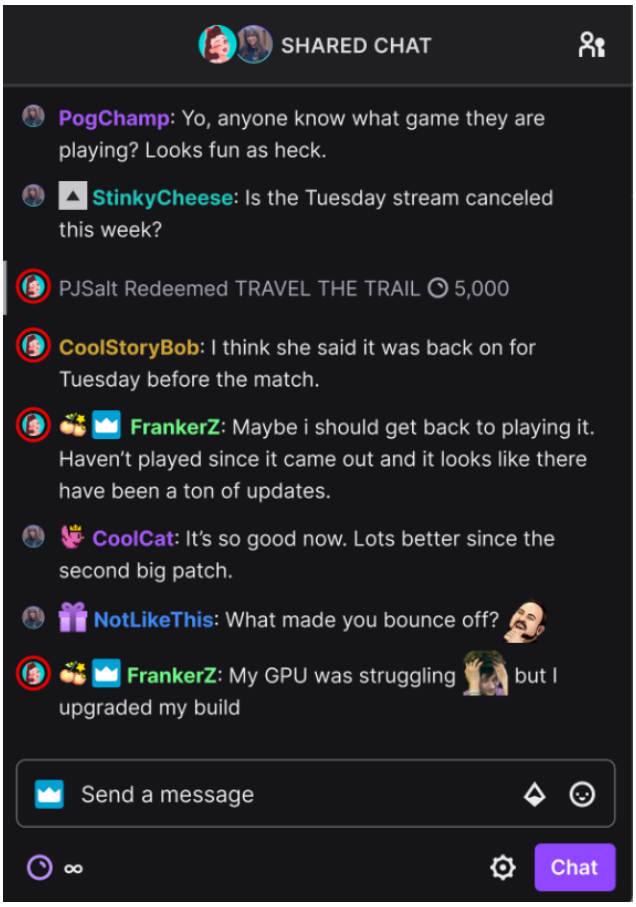
2.



Common Widgets

- **Container**: Used to structure UI elements, such as chat boxes or video preview thumbnails.
- **Row & Column**: Organizes elements like streamer details and buttons in a structured layout.
- **ListView**: Displays lists of live streams, followers, or chat messages.

3.		**Icons, Images, and Charts** • **Icons**: Represent different actions (e.g., play button for live streams, heart for following, chat bubble for messages). • **Image**: Displays user avatars, game thumbnails, or stream previews.

4.		Create your own chat room Users can join chatroom of various streamers.