

# MPL Prerequisites Document

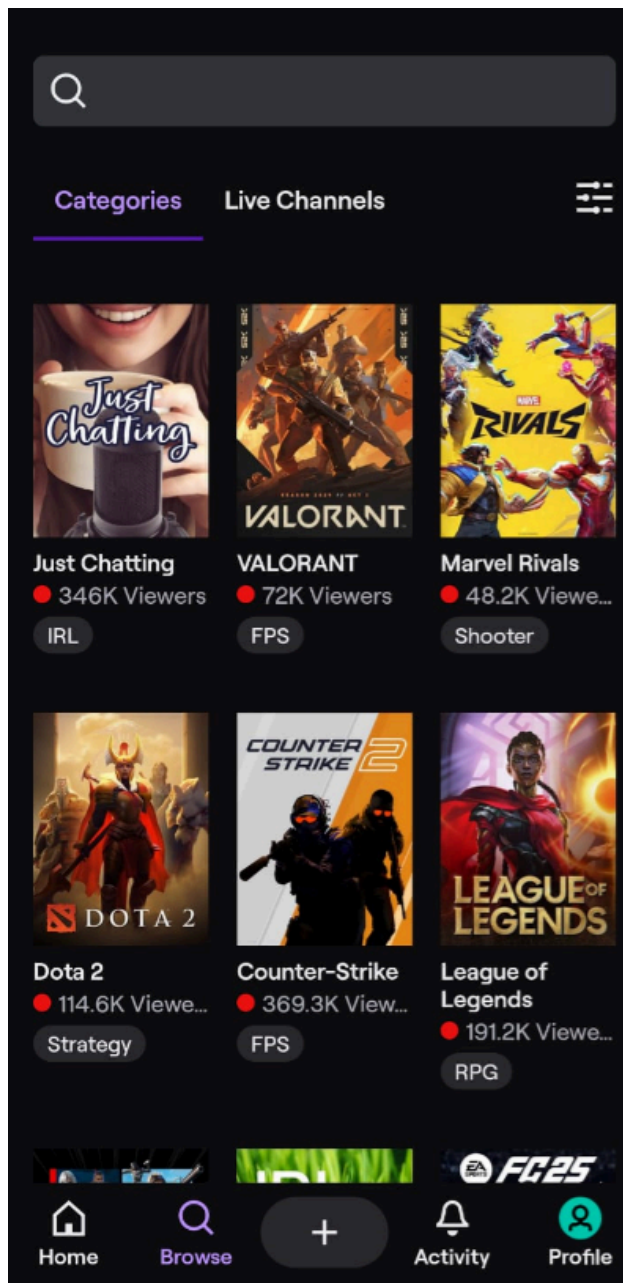
Prajjwal Pandey  
D15A / 32

**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.		<p><b>Firestore Integration</b></p> <ul style="list-style-type: none"><li>• <b>Firestore Authentication:</b> Enables login/sign-up via Twitch credentials, Google, or email.</li><li>• <b>Cloud Firestore:</b> Stores user profiles, chat messages, or stream history.</li><li>• <b>Firestore Storage:</b> Saves profile pictures, stream thumbnails, or media files.</li><li>• <b>Firestore Messaging:</b> Sends notifications for new streams, messages, or follows.</li></ul> <p><b>Interactive Form</b></p> <ul style="list-style-type: none"><li>• <b>TextField:</b> Used for login, sign-up, or sending chat messages.</li><li>• <b>DropDownButton:</b> Allows selecting stream categories or preferences.</li></ul>

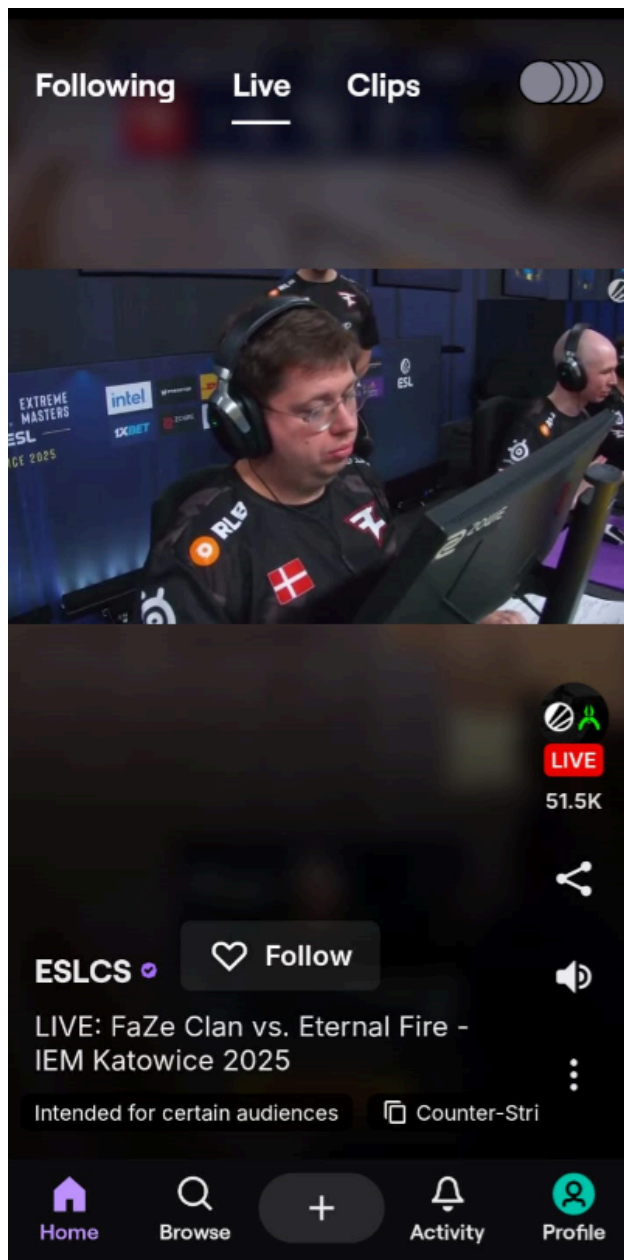
2.



### 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.

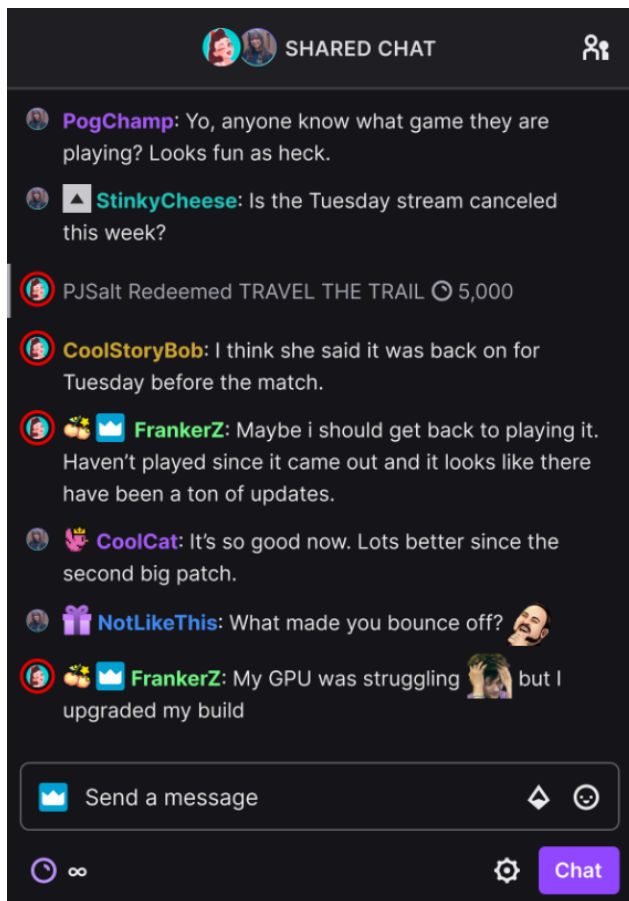


## Analytics page

### Charts (fl\_chart package):

Visualize viewer statistics, engagement trends, or donation progress in graphs.

5.



Create your own chat room

Streamers and create their own chat room and the fellow viewers can join in.