**MAD and PWA Lab**

**Name: Aditya Kundu** **Class: D15A** **Roll no:31**

**Title: Microsoft teams Clone**

**Aim:** Selecting features for application development, the features should comprise of:

1. Common widgets
2. Should include icons, images, charts etc.
3. Should have an interactive Form
4. Should apply navigation, routing and gestures
5. Should connect with FireBase database

| **Screen-shots** | **Features** |
| --- | --- |
|  | Sign in Screen   1. Multiple widgets like input field and sign in button. 2. Successfully sign into the account via verification of credentials in the firebase storage. |
|  | Home Screen   1. Multiple widgets like input fields for login in. 2. If you don’t have an account you would press the sign up for free suggestion down there that would later navigate to the Sign up Page. 3. After verifying the login credentials the user would navigate towards the user dashboard. |
|  | Video Call Interface Screen  1.Multiple widgets like video cam on/off option,microphone on and off option,mute sound option, end call icons and video call display area. |
|  | Chat Interface Screen   1. Multiple widgets that would allow you to send messages across the person engaged, along with a video call icon and call button at the top. 2. Widgets like camera and microphone icons at the bottom of the app. |
|  | Dashboard Screen  1.After successful sign in user dashboard interface would appear.  2.Multiple widgets like view user icon,call meetings scheduled via calender widget, video call button widget.  Firebase:-   1. Table containing dataset such as User ID,User Phone,User Email Address,Password fields for User Signup and Login verification. 2. Table containing video call details such as video call participants, date on which video call occurs and duration of video call. |