Timeline for my project-

Date	Work Scheduled	Work Done
14-06-21 To 24-06-21	• I had my 4th semester final university exams. So was not able to concentrate much on this project.	• Researched about WebRTC and other ways to integrate chat feature in my app.
25-06-21	• Implement PEERJS on the web browser. • Learn to integrate it in the app.	• Completed the work on same day
26-06-21	• Integrate Firebase Sign In with Google. • Design UI for o Call fragment, o Video Call screen, o Incoming call screen o And other small UI components.	• Completed Firebase Sign In with google. • Designed UI for Call fragment. • Learned about firebase real-time database, it's working and how to implement it in android app.
27-06-21	• Display all the registered users. • Load web view for video calling in background. • Display user status as online/offline or on another call.	• Completed designing UI from the previous day. • Displayed all users in the app. • Bug found and resolved: User status remained online even when user closed the app. So found a way to change status to offline when user closes the app.
28-06-21	• Start call between two users. • Make the call accept/reject button, mic/video toggle button functional. • Write the functionality for end call button. • Display incoming call and name of the person calling.	• Loaded the web view in background. • Two users can start call between themselves. • Bug found: When a user ends the video call, the call is not ended for the second user.
29-06-21	• Start working on chat feature. • Learn how messaging can be implemented with firebase.	• Resolved the bug: When first user ends call, it notifies the second user that the call is ended, so end call function is called for the second user also. • Displayed incoming call user name.
30-06-21	• Design the layout for chat. • Display users list.	• Started to learn the implementation of chatting between two users. Compared between different methods.
01-07-21	• Implement chat using firebase.	• Designed the layout for chat. • Displayed users list.

02-07-21	• Start implementation of notes and other features.	• Implemented chat using firebase realtime database. • Bug found: When user sends a message then all the previous messages repeated themselves.
03-07-21	• Design UI for stress buster feature. • Implement the stress buster feature.	• Bug Resolved • Searched for various API's to use for different features
04-07-21	• Design UI for motional feature. • Implement motivational feature.	• Completed notes feature. • Added option to set priority of tasks as low, moderate, top. • Delete a task option added
05-07-21	• Start working on surprise features and problems introduced. • Refine my code. • Work on pending stress buster and motional feature.	• Already included chat feature in my app. • Just made a few modifications so that users can chat while call in progress. • Added a chat button on call screen to start chat with another user.
06-07-21	• Work on surprise feature. • Refine my code. • Complete pending features.	• Researched about Picture in picture mode in android app. • Added small bar on chat screen to return to caller.
07-07-21	• Work on Motivation Feature	• Finished implementation of motivational feature. • Bug found: While editing a task and saving, two same task are created.
08-07-21	• Work on activities feature	• Bug resolved: Now can edit a task easily. • Finished implementation for activities.
09-07-21	• Finalize all the features and resolve bugs.	• Added timestamp for chats. • Code refining. • Bug found: Left navigation panel not working.
10-07-21	• Documentation and video	• Added picture in picture mode for video calling if user leaves app between a call.
11-07-21	• Documentation and video	• Documentation and video
12-07-21	• Submit final solution	• Submitted final solution