

2) Dividing the work

After coming up with your idea, it is helpful to divide the work into different steps to keep track of progress as well as to make sure the project is being done efficiently.

- 1.) Determine what components your application will require. For example you may want to have a communications interface, such as messaging or video calling.
- 2.) After you have listed out what components you will need, find the necessary libraries and APIs to implement those components
- 3.) After building the backend of your application and testing it, you should decide what your UI should look like and what interactive components you will need.
- 4.) After completing your application, test all aspects of it to get rid of possible bugs and glitches. The usability of the app will be a factor in judging.
- 5.) Determine how you will present your application, either through a readme file or video that describes the purpose of your app and how to use it.
- 6.) Fill out the submission form that will be sent out and upload your code to github, by following these tutorials.
 - a.) XCode: <https://youtu.be/C5JLRpbn1k>
 - b.) Android Studio: <https://youtu.be/-dAr6VnmomM>

Tips for organizing your work:

- Make a to do list with the above steps included
- After completing a part of the list, like implementing a video interface, check the item off and move on
- Use an app like Asana or Notion to keep track of your progress and make sure everyone is pulling their weight

If you are working in a team, you may want to consider these tips.

1. Evaluate each member's strengths before dividing up work. Some members may be better at designing a UI whereas some are more proficient in backend operations.
2. After considering each person's strengths, divide the work equally so that each person is working on their piece of the app efficiently

3. Make sure work is being done on different parts of the app simultaneously, so that the work is done in the most efficient way possible