

TUTORABLE - by Matt Zagame and Wilbert De la Rosa
Comp.4630 - Mobile App Development I - Fall 2021
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My process of creating my first mobile app - Tutorable with Matt Zagame - Wilbert De la Rosa

Tutorable is an app for college students that facilitates the tutoring process. This app will give college students a more personalized tutoring experience, which should further encourage getting help from tutors, by allowing them to select the tutor and meeting time/place that is right for them. Sometimes it's hard for some students to find the right tutor for them, flexible times, 1-on-1 meetings and a simple way to make a connection.

Students can also select if they want to be a tutor or not. We create a page where the user can insert their resume and school transcript to determine if they can teach others. With this process we can select who is eligible to be a tutor by looking at their experience and expertise.

Our goal is to create a simple and secure way where students can find the perfect match, connect and learn. There the tutors could have taken the same class or just courses related to that one, and be able to teach that. In the process of design we started with a draw mockup for the app where we designed all the layouts that were important for this creation. Sign up, welcome page, meetings, settings, schedule, availability and more were part of that process.

My experience creating the app is great. It was the first time for me creating a mobile app and my partner Matt and I have been using Android studio with it. That software is great for beginners like us because it has a built-in layout and button that we just need to drag to be able to accomplish great things. Also, it was my first time using Java and it's a good programming language to create these kind of apps, because it is really responsive.

Matt and I decided to use Github to be able to work separately and merge the files that both of us create in a simple way. This process helped us to be more organized and see that the other person was working on by adding comments. For time management and communication purposes we decided to meet some days of the week to work on the project together. Also, github has a functionality that allows us to add different tasks that we are working on and make it as "working on", "completed", and "to-do".

On the app development we decided to create two views; the student and the tutors. The difference between them is the options they have. For students they can select the school, availability, and the class they want. After that they can see all the tutors for that class, their ranking based on reviews and select the time. Once they choose one, the tutors will receive a notification of that in the availability page, where they can accept or decline the time.

Other apps that we found were Cheeg and Tutor.com but those apps have online tutoring only and they have to pay monthly membership as well. We wanted to create something that can be free for anyone and at the same time students can have the choice to have 1-on-1 meetings near the school they chose. Also, for security purposes we recommend students to be in places in the school like the library where they can follow Covid-19 rules like using masks.