

INSTRUCTIONS:

Goal of the Project:

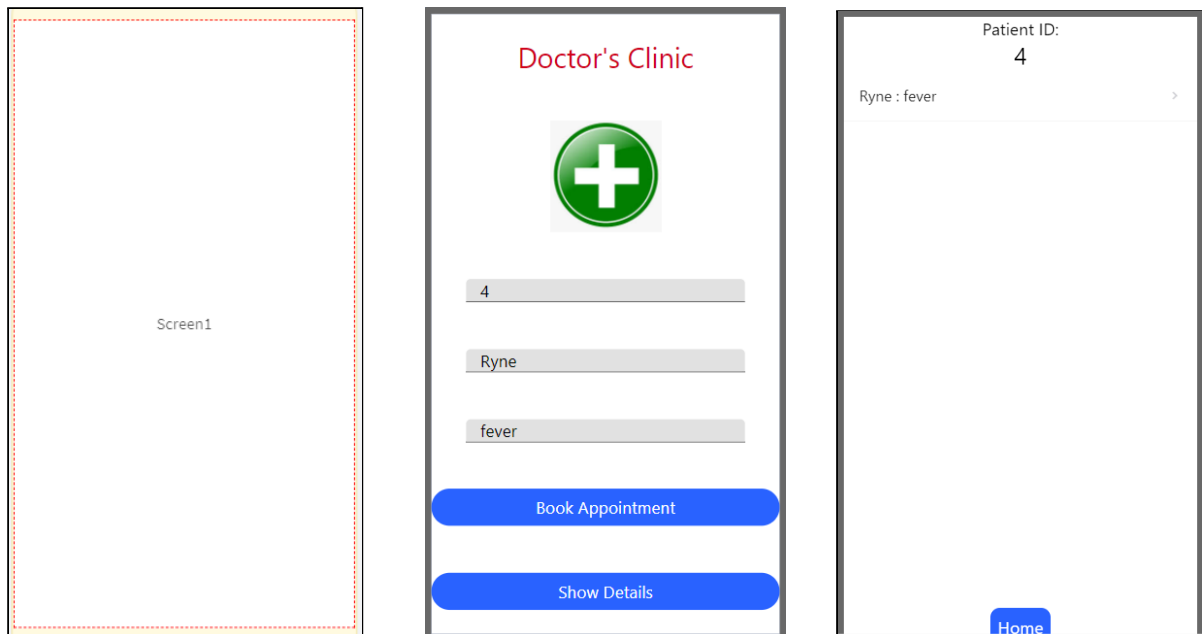
In Class 43, you learned to make a multi-screen chat app. You learned to create a room wherein the users of the same interest can chat with each other by sharing the room name.

In this project, you are going to implement what you have learned in the class and build the app.

Story:

Dr. Dhiren runs a small clinic, and to avoid a rush he wants to communicate with his patients using an application wherein the patients can book an appointment with the Doctor and also he can see the details filled against the patient ID.

*Click [here](#) to see the output video.



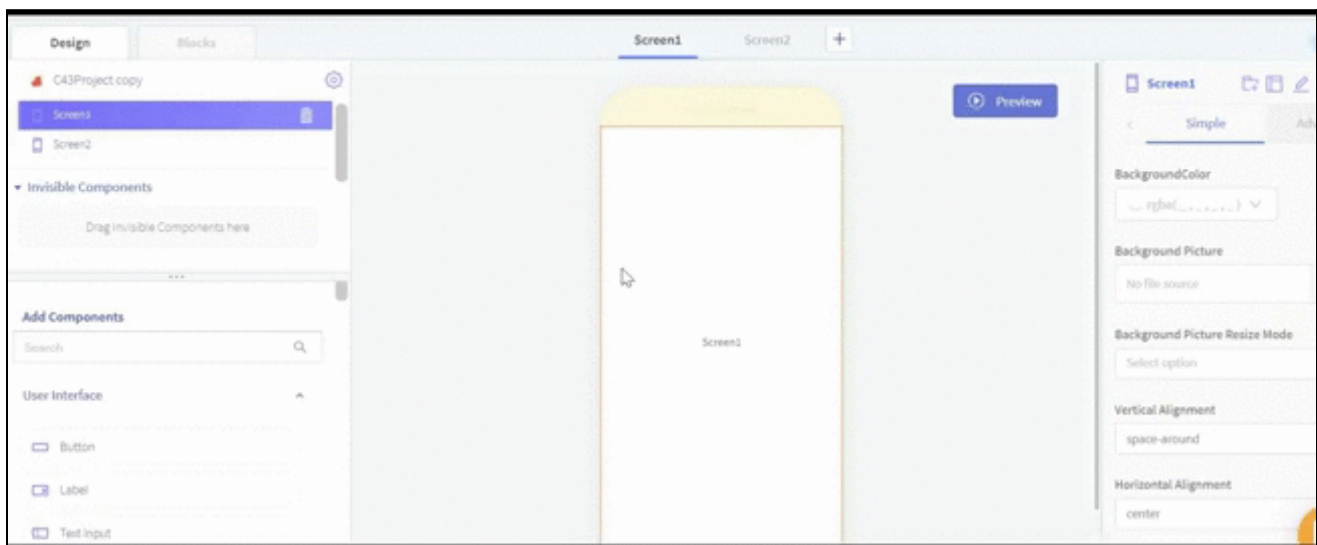
***This is just for your reference. We expect you to apply your creativity to the project.**

Getting Started:

1. Login to [Thunkable.com](https://thunkable.com)
2. Click on the following link: [Project Template](#).
3. Click on “Remix”.
4. Save the project as **Project43**.
5. Start making changes.

Specific Tasks to complete the Project:

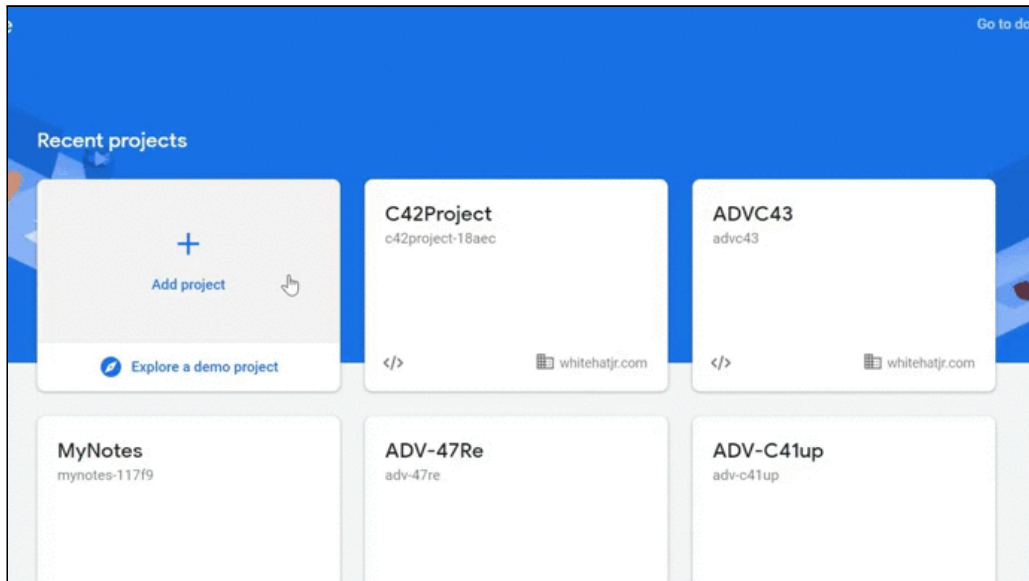
1. **Create 2 screens.**
 - You can name them as BookScreen and ShowScreen.
2. **Add the following components inside BookScreen.**
 - **Label**, that displays the clinic name.
 - **Image**, to display the logo.
 - **3 Text Inputs**, to accept patient-Id, patient-name, and message respectively.
 - **2 Buttons**,
 1. ‘Book Appointment’ - this will help to enter details into the database.
 2. ‘Show Details’ - this will redirect to the ‘ShowScreen’.
3. **Add the following components inside ShowScreen.**
 - **2 Labels**, one displays text as “Patient ID:” and another label display entered patient-id.
 - **ListViewer**, to show information fetched from the database.
 - **Button**, to redirect to BookScreen.



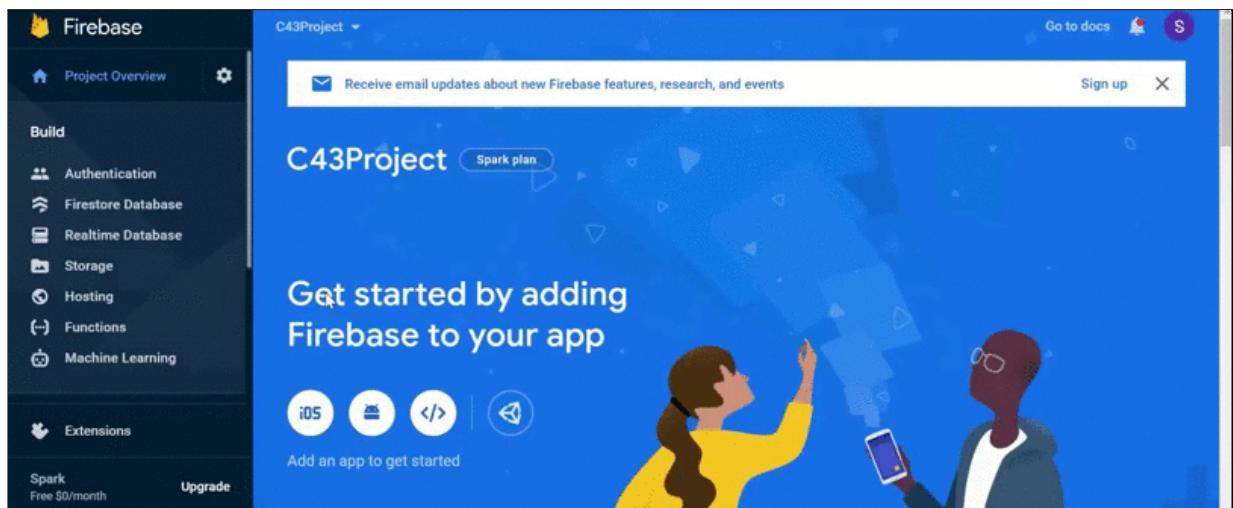
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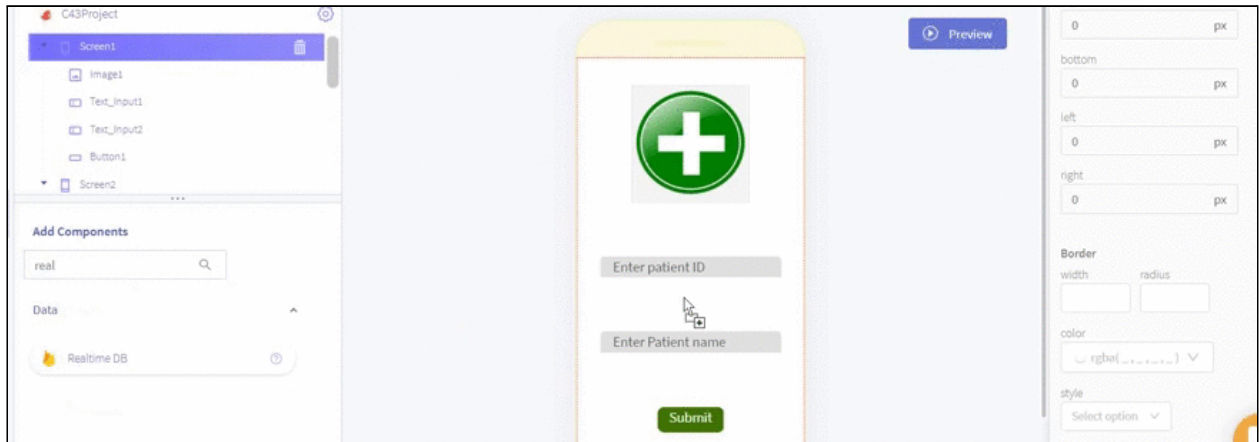
4. Login to [Google Firebase](#) and create a project.



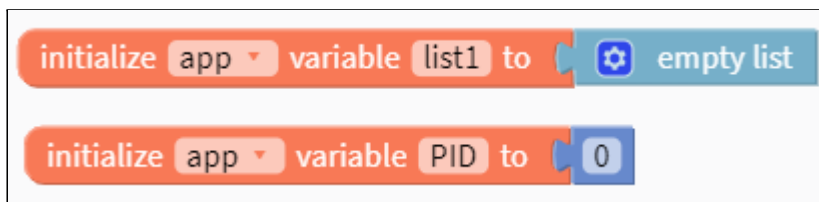
5. Create a database and set-up the rules.



6. Add **Realtime DB** in the invisible components of your App and attach the firebase database.



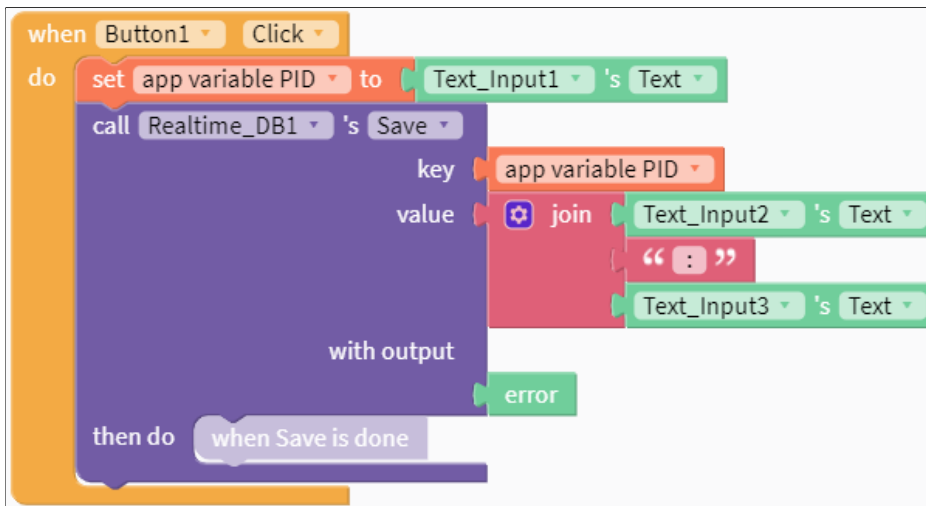
7. Go to Blocks and create **2 variables** on the **BookScreen**, for the patient-Id and patient-details.



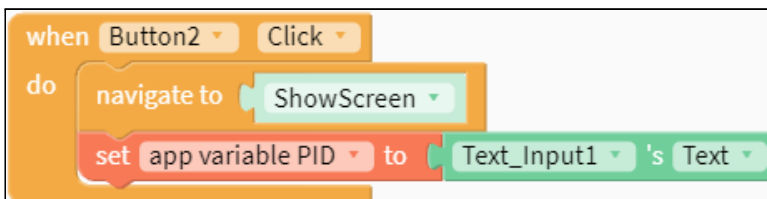
8. Set the patient-ID into variable 'PID'.



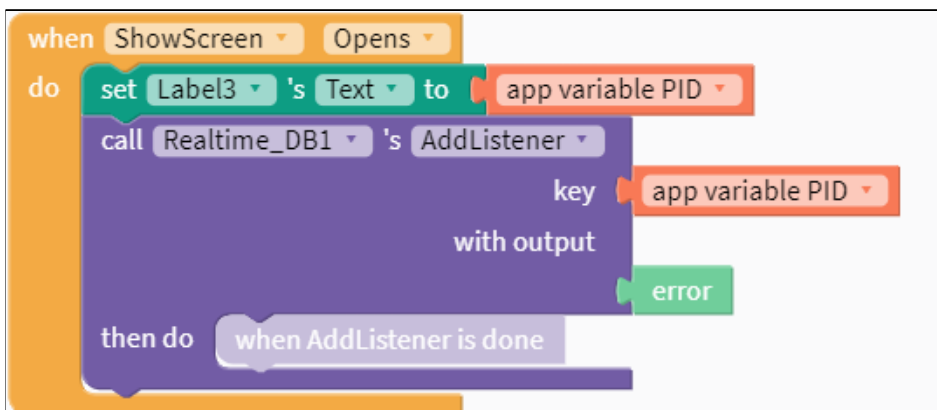
9. When a patient clicks on the '**Book Appointment**' button, all the patient details will be saved into the database. Use the below code to store the details.



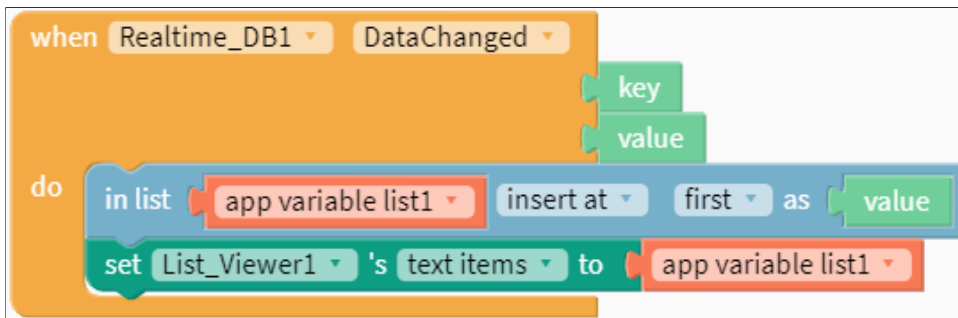
10. When a patient clicks on the '**Show Details**' button, direct to the 'ShowScreen'.



11. Add a **Listener** to the Database that listens to the patient-ID (**PID**).



12. Show details on the Listviewer.



13. Click on "Live Test" once to check if it is working.

Submitting the Project:

1. **SAVE** all the changes made to the project.
2. Click the "**SHARE**" button and then click on **Generate Link** to get a shareable link.
3. Copy this link and submit it in the Student Dashboard Projects panel against the correct class number.
4. Send the **API key and database URL** in the comments section for verification of the Database.

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Hint:

1. When the 'Home' button is clicked it will direct to the 'BookScreen'.
2. You can refer to the [video](#) to connect the project and the firebase database.

REMEMBER... Try your best, that's more important than being correct.

After submitting your project your teacher will send you feedback on your work.

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