

Pineapples

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On Demand Call App

Have you ever been in an awkward social situation where you wanted to get out of it but you couldn't without the other party potentially getting upset?

Pineapples solves this by calling you and relaying an urgent message, which will justify your dismissal from the situation you're in.



Features

- Twilio (Cloud Communications Platform)
- Google Firebase (Auth and Database)
- Media Player (Play message audio for accurate selection)



Planning - User Stories

Add Twilio Call Functionality - Enables phone call with a simple click of a button.

Create Ability To Store Created Voice Messages - Lets the user create customized personal voice messages to better suit their situation.

Add Answering Machine Detection - Makes the call seem more urgent when the call continues until it is answered.



Planning - Database

3 Tables are necessary in this app: User, Voice Message, and Saved Calls.

Each User will have their own Voice Message and Saved Calls table. This will allow users to have easier and more custom use of app.



Technology Stack

- Java, XML, Node.js, TwiML
- Twilio & Google Firebase
- Various UI android Libraries



Demo



What I Learned

- Improved troubleshoot and debug skills, and using resources.
- Learned about connecting to an API and creating a back-end server.
- How libraries and frameworks help the development process.
- The entire Android Development Process



What's Next

- Create better UI/UX
- Deploying App
- Start working on other App Ideas
- Learning something else new!

