

Idea: Pokedex Application – allow users to look up a Pokemon and check off whether it's been caught, and get details on the Pokemon, type, stats, etc.

Android Phone Features/Hardware/Libraries: will use a firestore/remote server to serve the details and images about the pokemon, and use voice-to-text engine to read aloud

Google Docs/Tutorials: https://firebase.google.com/docs/firestore/query-data/get-data#java_1

<https://developer.android.com/reference/android/speech/tts/TextToSpeech>

MockUp:



Timeline:

Rudimentary ui design

database setup

connecting database to views

setting up tts

testing app functionality

ui finishing touches

Possible Issues:

There are 898 pokemon, it may take a lot of work to get all the info for all the pokemon into a database. There is also a PokeAPI <https://pokeapi.co/> that may be a better solution than using a database.