**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:**

**Graphical user interface, website

Description automatically generated**

**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.