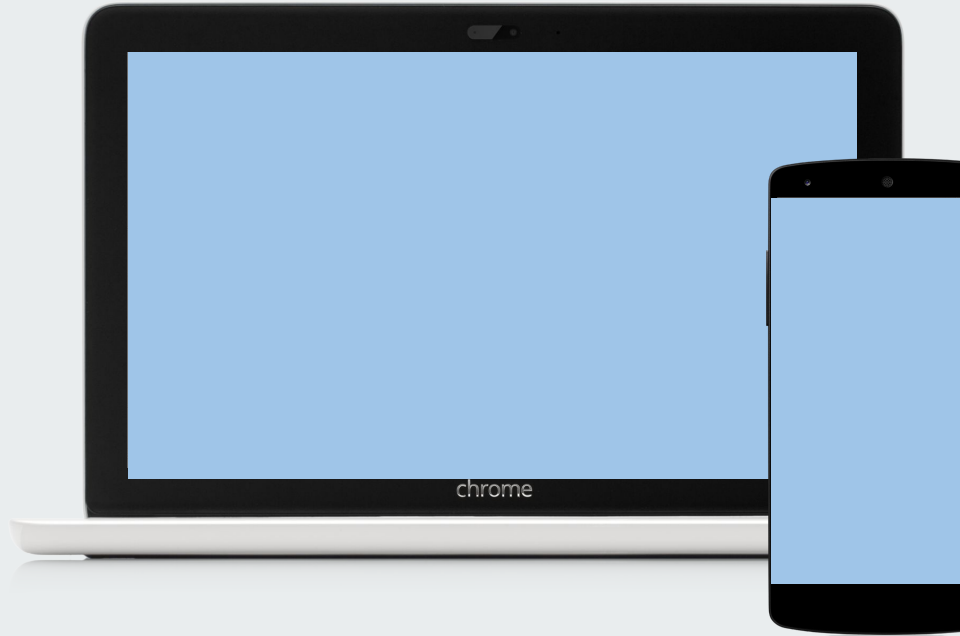


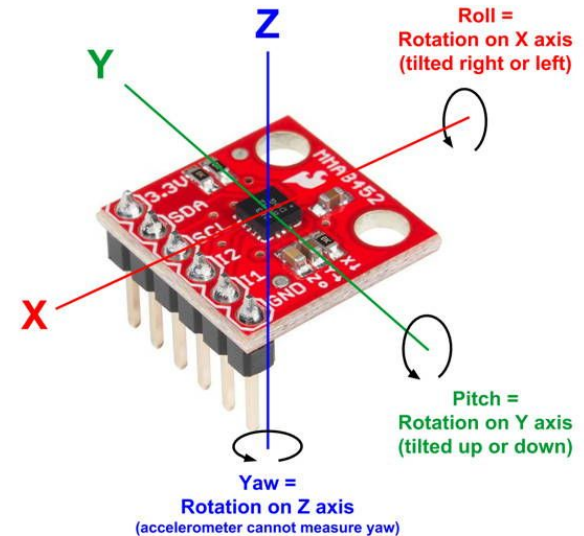


Thunkable: Assignment 3



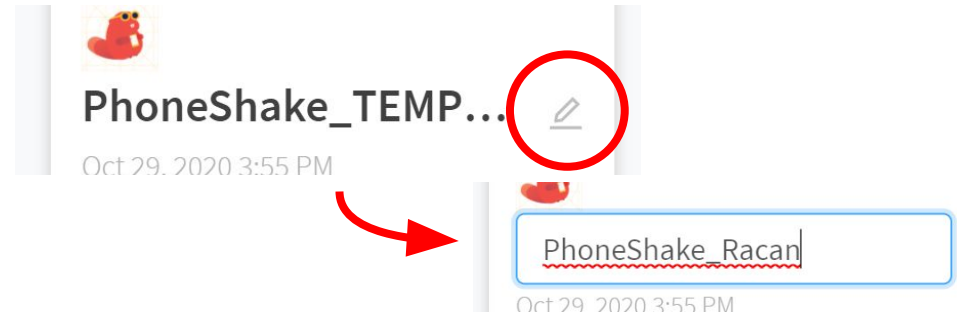
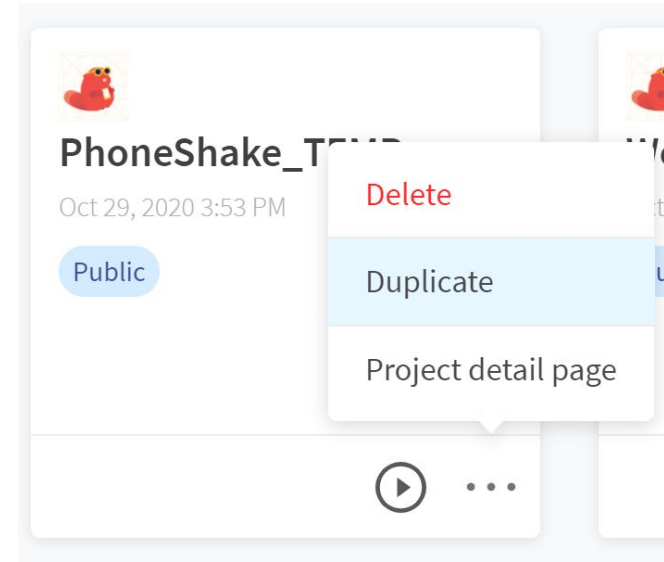
Background: What is an Accelerometer?

- Sensor built into mobile devices which can detect motion
- You may have heard of a gyroscope, another type of motion sensor
- Modern phones have many, many sensors built into them
- Message the instruction team if you want to learn more!



Copy the Template App

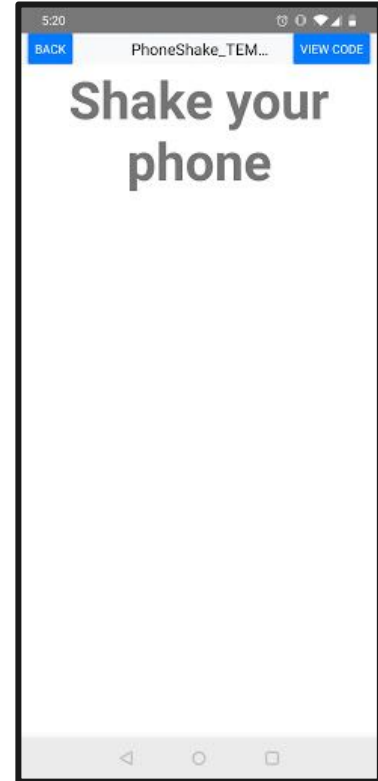
- Click the shared link we sent in #general
- Click the “Thunkable” logo in the upper left corner to exit out to your projects (you should now see PhoneShake_TEMPLATE in the list)
- **Make a copy** of this app by clicking “Duplicate”
- **Rename** the copy to “PhoneShake_LASTNAME”





Test it out on your phone!

- This app uses your phone/tablet's built-in accelerometer
- Doing the live test on web only shows what it looks like, **not** its functionality, so you **need** the mobile app to properly test this
- If you don't yet have the Thinkable Live app, [check out our installation instructions](#)

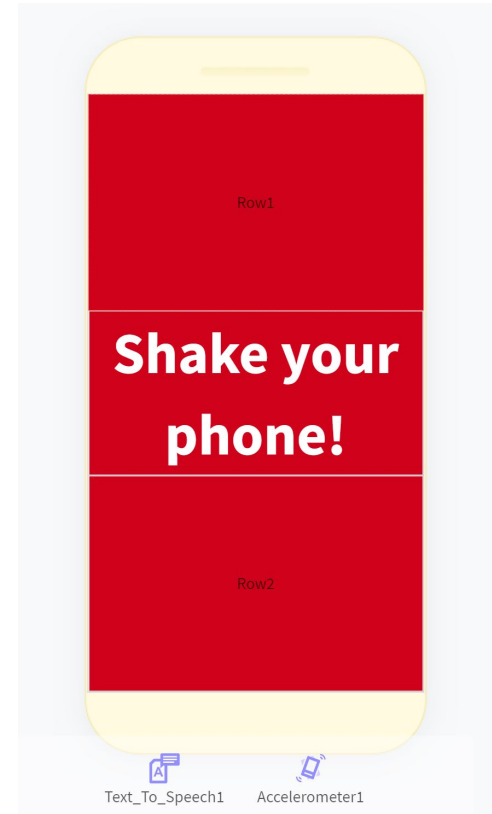


Make a UI

The current interface is very plain and boring. Spruce it up a little! For example...

- Add colors
- Add text

Refer to previous Thinkable projects for ideas on how to make a UI for the app.



Make it your own!

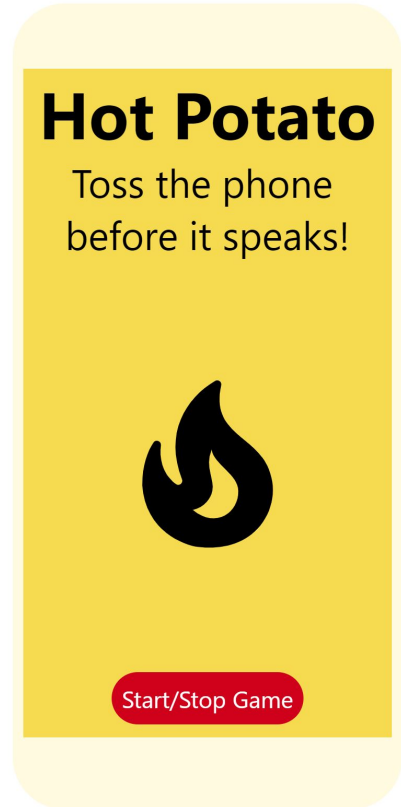
Creatively add something to the app. Maybe...

- Change what the text-to-speech says aloud
- Sensitivity of sensors

...or many more!

We **encourage** you to explore options with the accelerometer.

Be creative! We will be featuring outstanding submissions on the course website.



Submit

- Make sure the app is named “PhoneShake_LASTNAME”
- In the upper-right corner of your app, click “Share”
- Click “Generate Link”
- Click “Copy” or select the text to copy the link
- Submit the link here:
<https://forms.gle/we7JpnZuzdpShuNX8>

