Development Ideas

1. Android App - Type to shut off

2. Android App - Crypt It!

   - Users can encrypt phrases, sentences
   - Select from multiple encryption techniques
   - Can automatically decrypt based on proper keyword
   - Multithreading, reflection needed?

3. Web App or Android App - Typing Game

   - 2 people - attack / defend
   - SQL database to store coins and username and password
   - coins use to customzie user - hats, weapon skins, etc.
   - faster person wins
   - tug of war maybe?
   - or maybe a zombie attack and defend
     - longer word = longer life
     - user gets to pick whether to attack or defend
     - tab key = switch state (attack / defend)
     - attack = choose letter word by pressing number first - then type word
     - defend = simply type the word
     - select from predefined words of certain length such that user cant just randomly press letters
     - **first iteration: single player against zombies?**

4. Phone App - Security Multiplayer Game

   - Players attempt to guess each other's security password
   - See how vulnerable passwords are
   - Spend on upgrades – use complex symbols, increase character count, etc.

5. Machine Learning - Detect Cancer?

   - Parse through data, see if there's a correlation between cancer and data?

6. Hardware - Robot Cleaner

   - Cameras installed
   - Uses computer vision to detect trash

- Learn what trash installed
- Use camera underneath to pick it up

7. Brainwave API - Video Game

8. Artificial Intelligence

9. SnapChat –¿ notify when streak is about to die