

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