**Brainstorming List**

Put your name by anything you would be interested in working on or add new stuff

**Ideas :**

1. Stocks/Trading (Analysis or Automatic Trading Tester) - Brendan, Conner
2. Video Games - Brendan, Conner, Mangkorn
3. Pixel Art (Making a drawing app/etc. Might be nice because modular and easy to add new content) - Brendan, Conner
4. Simple Multiplayer Game with lobby system (Chess, Checkers, etc.) - Brendan, Mangkorn
5. App that allows users to put both sides of their argument and have people vote on who is right
6. Lost and found app where you register your serial number with purdue database so you can prove its your device if you ever lose it
7. Meme website where different schools submit their memes in a sort of “meme war”
8. Application that combines organizing class scheduling and note taking. Makes flash cards based off notes. Shows “starred” notes from entire semester of notes - Nada

**Platforms/Preferred Languages**

Java - Brendan, Nada, Ben, Mangkorn

Python - Brendan, Ben

C# - Brendan, Conner, Mangkorn

C - Brendan, Conner, Nada, Ben, Mangkorn

C++ - Nada, Ben, Mangkorn, Conner

Nodejs - Conner, Nada

Matlab (lol sorry I have to put it up cause I’m halfway decent at this crap) Ben

HTML - Nada, Conner

Javascript - Nada, Ben, Conner

Angular

**Ideas:**

Desktop Application?

Phone app?

Video game? (my past projects: [Android](https://play.google.com/store/apps/details?id=com.TryHard.TorchHead&hl=en) and [PC](https://www.indiedb.com/games/felixs-computer)) - Mangkorn

**Please Don’t Do This List**

Web Applications - Brendan

**Theme Ideas**

Dungeon Crawler or 1v1 Style

* Space (Astronauts vs Aliens)
* Cyber/Steam punk (People vs Robots)
* Pirates (Ships instead of people) or People
* Dark (Charcoal could be used for art)
  + Could also mix this with pixel art to have a “Corruption” Effect
* Jungle (tribe vs. animals)
* Zombie (survivors vs. zombies)
* Bacteria vs Immune System
* Security vs Thieves
* Medieval
* Futuristic Medieval (Knights with Lasers)

Basics of our “advance wars” game

Animation

Basic animation: left-facing & right-facing idle animations

For attacking, just subtract numbers from health numbers/bars above characters

**Components**

* Map Generation Component for Developers
* Player vs. Player
* Gamepad Support
* Art
* Buildings
* Cheat Codes