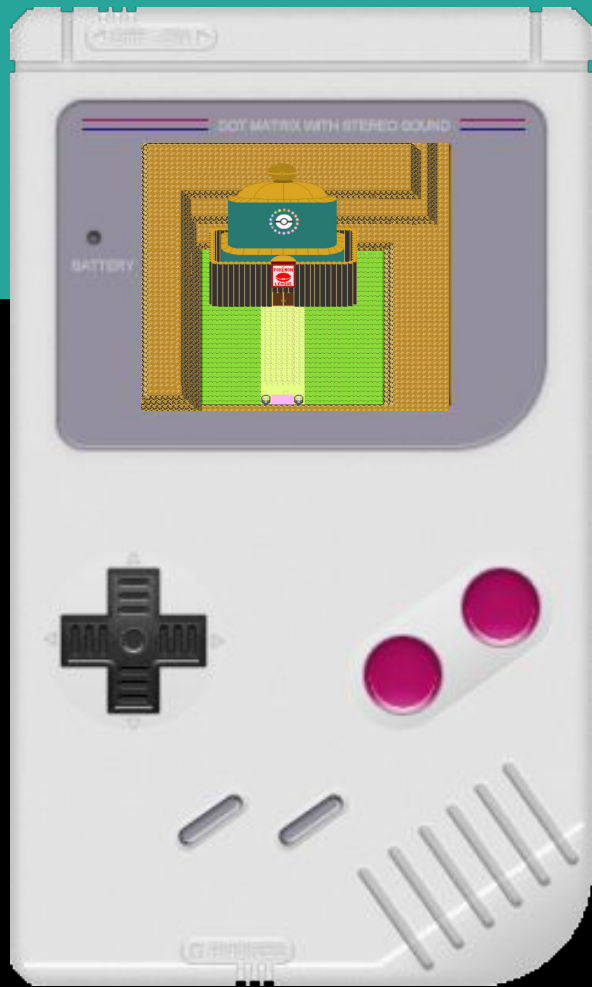


# The Pokemon Project

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# Basic Project Description



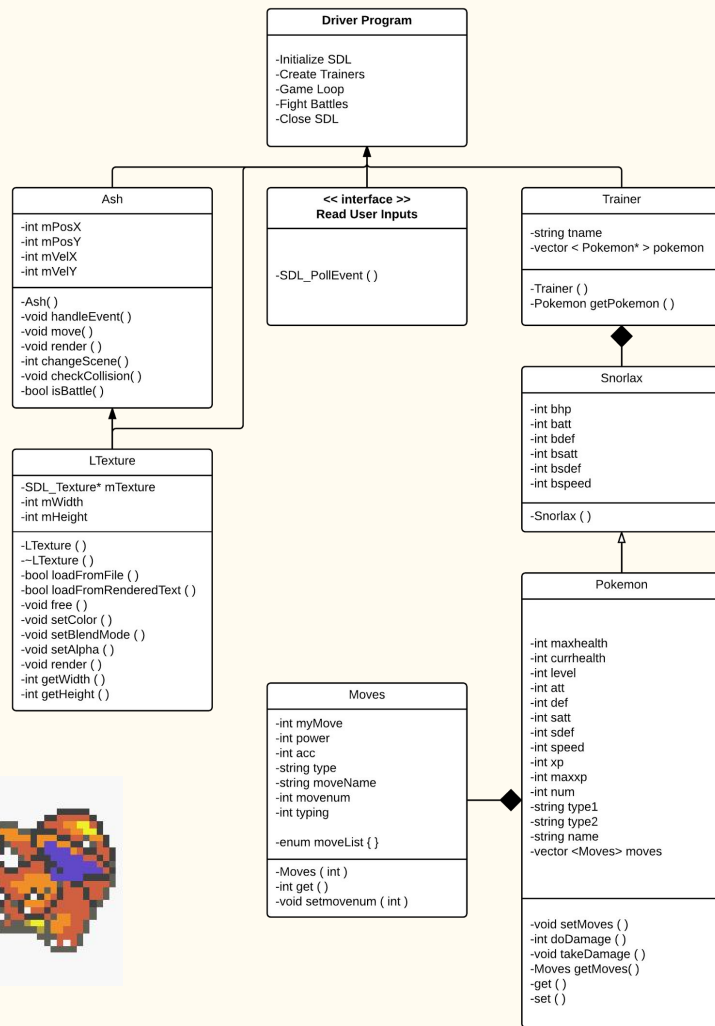
- Our idea was to create a game following the idea of Pokemon, the classic monster-collecting JRPG adventure series for those who want to be the very best, like no one ever was.
- It would have been foolhardy to attempt to recreate in a few weeks with a three-man operation the entirety of Junichi Masuda's masterwork, so we scaled down our ambitions to create a game that functioned like Pokemon wherein the player could choose his team, defeat his rivals, and be crowned champion.
- We chose to work on this project because of a mutual love for Pokemon, which has been instilled in us since childhood and grows deeper with each new title, and a want to have our project be something we enjoy working on and will enjoy playing upon its completion.



# Design Decisions



- Implemented with SDL
- LTexture used to wrap textures
  - backgrounds/sprites/etc.
- overworld.cpp program to drive game
- Players and NPC's have Trainer class
  - Contains vector of Pokemon pointers
- Each Pokemon inherits from pokemon.h
  - Pokemon class contains vector of Move objects
- Ash class controls player sprite



# The Power of OOP

- Inheritance was extremely useful in creating the different pokemon files
  - Created a Pokemon.h base class that was then used to create the actual pokemon
- Composition was also useful in making the Trainer Class
  - The Trainer class is comprised of a vector of pokemon to signify the team
- Github

