

**Lab 4 – Ben Joye**  
**9/20/18**

**Requirements Analysis:**

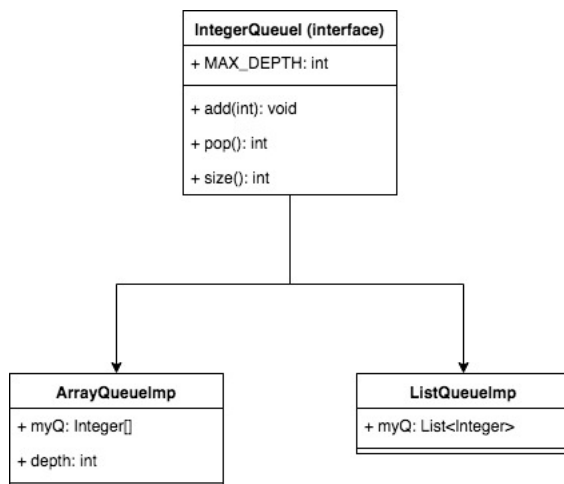
**Functional:**

- The user must be able to input which implementation to use so that the right constructor is called.

**Non-Functional:**

- Both implementations must have an add function.
- Both implementations must have a pop function that returns the first value in the list.
- Both implementations must have a function that returns the size of the list.
- The system must be able to handle a list of up to 100 values.
- The system must print list in the correct order to the console.

**Design:**



**Testing:**

- Input: 1
  - Output: 42 17 37 36 12
- Input: 2
  - Output: 42 17 37 36 12

**Deployment:**

- On unix:
  - Compile: "make"
  - Run: "make run"