Vilvesh Srinivasan

COSC 2436

6/7/17

Design Document A2

```
┌─────────────────────┐
│                     │
│   Define Array Size │
│                     │
└─────────────────────┘
          │
┌─────────────────────┐
│        1-6          │
│                     │
│  Menu based Options │
└─────────────────────┘
```

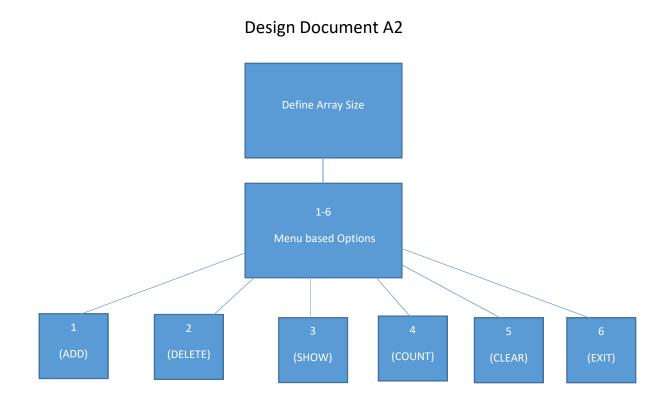| 1	2	3	4	5	6
(ADD)	(DELETE)	(SHOW)	(COUNT)	(CLEAR)	(EXIT)

Purpose:

Menu based program with the following array-based queue functions

Pseudo Code:

- Operator assigns size of the array
- Operator Picks options 1 - 6 from menu
- Operator inputs information, receives outputted data, manipulates data, or exits program based on option chosen