

## Game Status

- Keep track of whose turn it is
- Handle turn transition
- Keep track of who's the winner
- Hold 4 game boards

- Player

## Player

- Store player name
- Keep track of hits, misses
- Keep track of number of ships
- Maintain ship objects

- Game
- Ship

## Ship

- Keep track of head and tail coordinates
- Store ship name
- Store ship length
- Determine if sunk or not

- Player