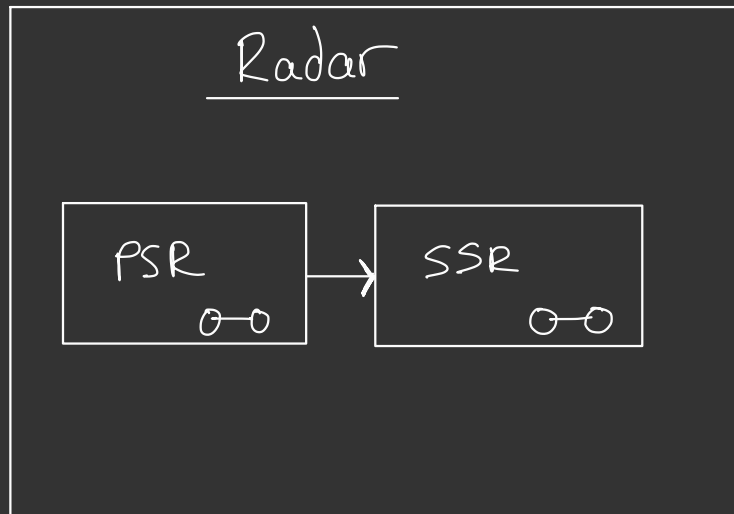
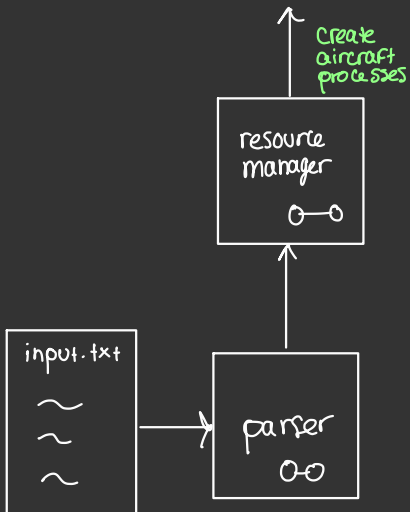
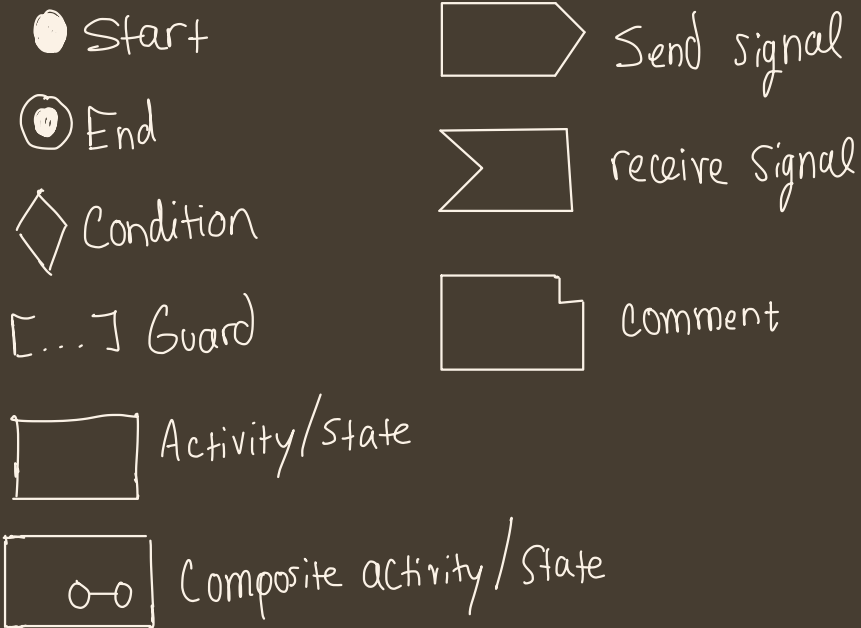
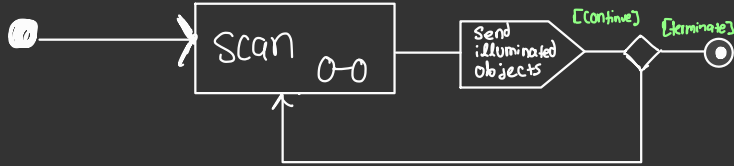


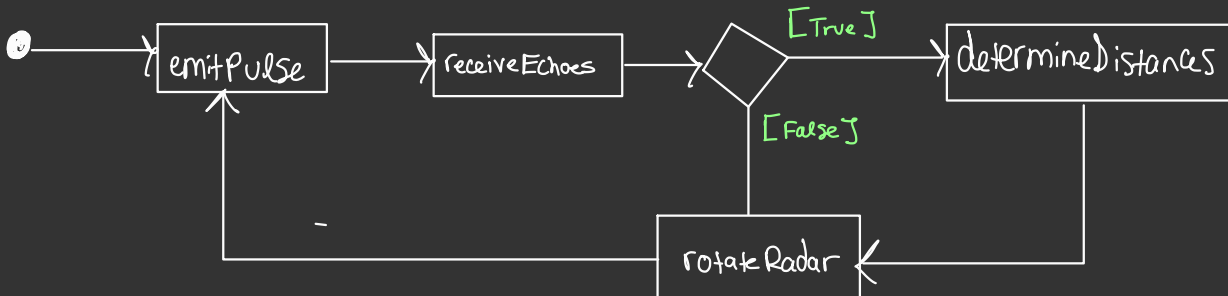
# Activity diagram legend



## PSR



## Scan



## PSR

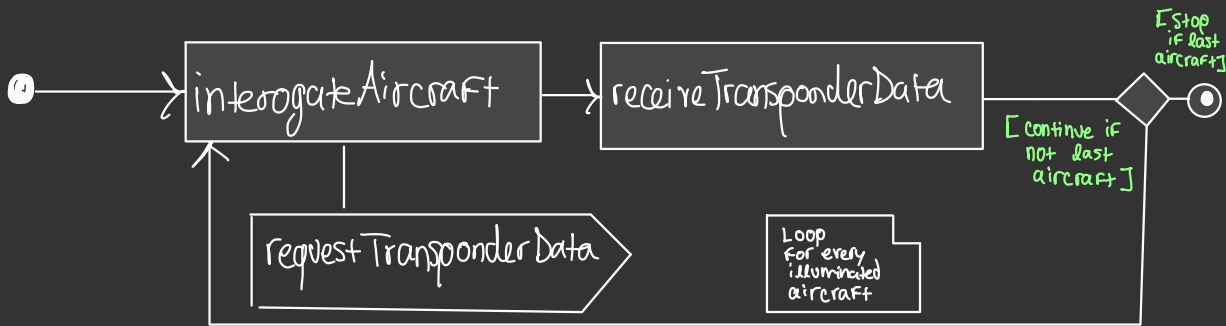
- range : int
- reference\_angle : int
- Scans\_per\_minute : int
- pulses\_per\_degree : int
- Current\_angle : int
- pulse\_speed : int

- + PSR (...)
- + Scan ( ) : void
- emitPulse ( ) : void
- rotateRadar ( ) : void
- receiveEchoes (echoes : int [ ] ) : bool
- determineDistances (echoes : int [ ] ) : Aircraft+ [ ]
- sendAircraftPositionsToCS (aircraft : Aircraft [ ] ) : void
- sendAircraftPositionsToSSR (aircraft : Aircraft+ [ ] ) : void

## SSR



## interrogate



## SSR

```

+ SSR ( )
+ interrogate (illuminatedObjects : Aircraft[]) : Aircraft[]
+ interrogate Aircraft (Aircraft targetAircraft) : void
+ receiveTransponderData (Aircraft targetAircraft) : void
+ sendTransponderData (transponderData : Aircraft[]) : Aircraft[]
  
```