

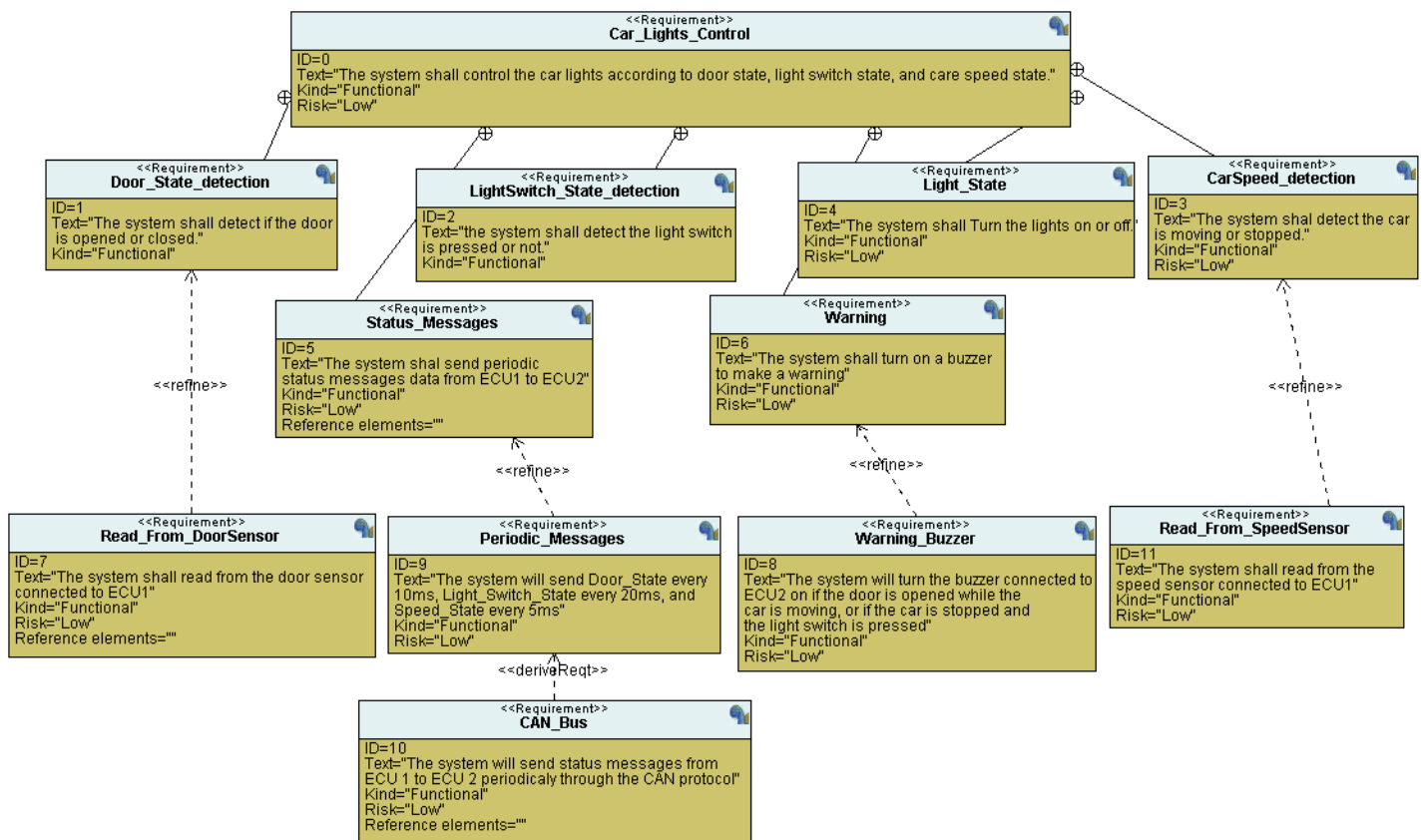
Bassant Ahmed Mohamed *Automotive Door Control System* *Design*

Submitted to:

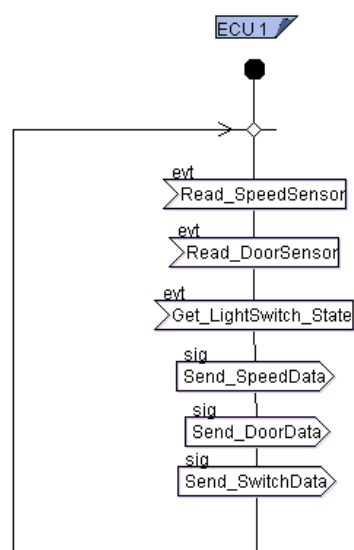
EgFwd Advanced Embedded System Track

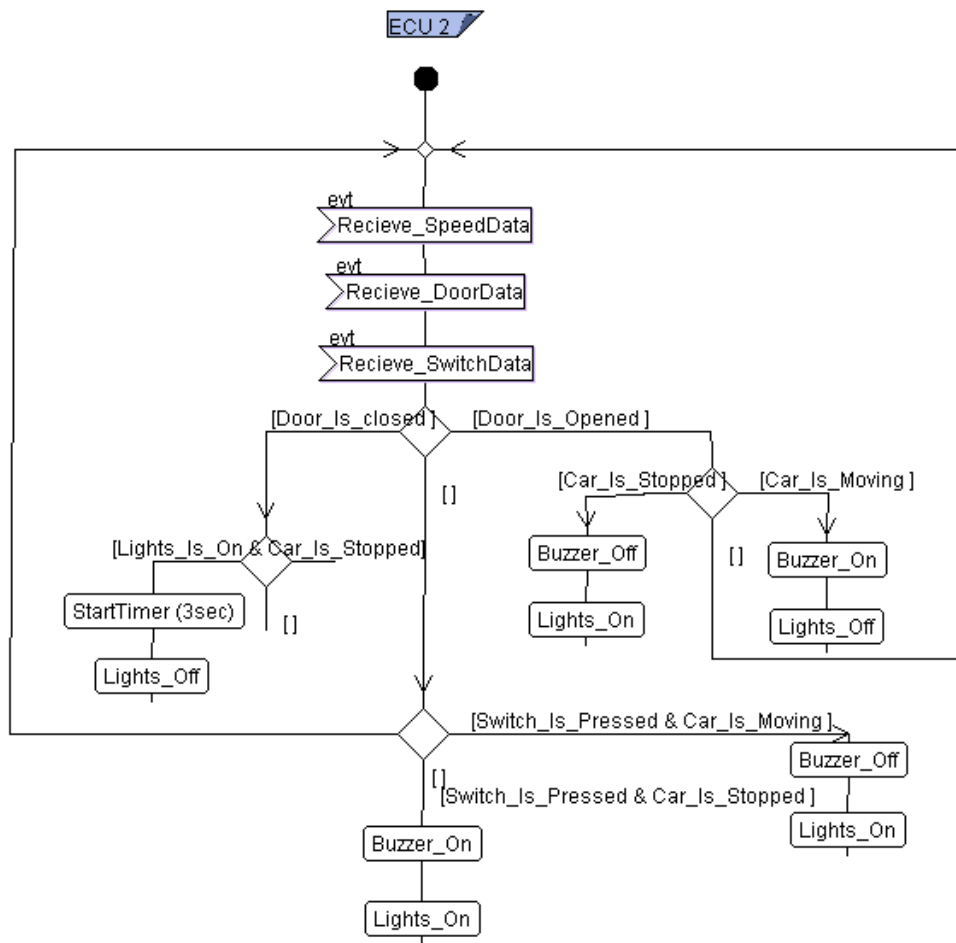
1. Reading Project Requirements

1.1 Requirements



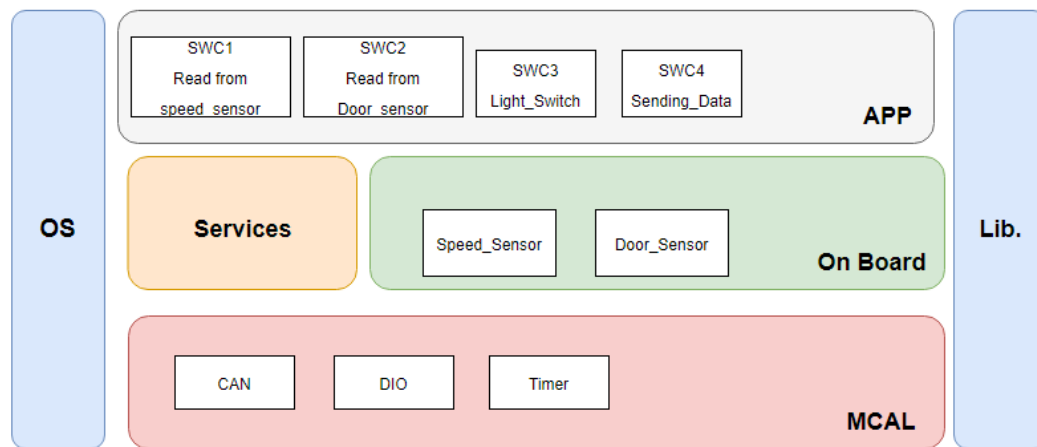
1.2 Block Diagram





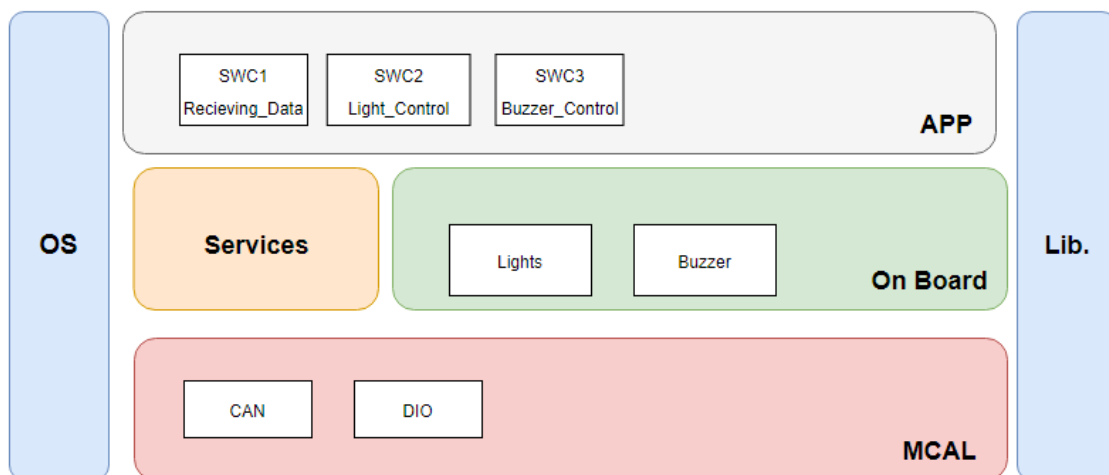
2. Static Design Analysis

2.1 ECU1 Layered Architecture, Components, and Modules



2.2 ECU 1 APIs and Typedefs

2.3 ECU 2 Layered Architecture, Components, and Modules



2.4 ECU 2 APIs and Typedefs