# 1- Layered Architecture

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| Application Layer |
| Service Layer |
| ECU-Application Layer |
| Micro-controller Application Layer |
| Micro-controller |

# 2- Modules

|  |  |  |  |
| --- | --- | --- | --- |
| ECU Application Layer Modules | | | |
| Motors | | Push Buttons | |
| Micro-controller Application Layer Modules | | | |
| DIO | Timer | | PWM |

# 3- State Diagram

Graphical user interface, diagram

Description automatically generated