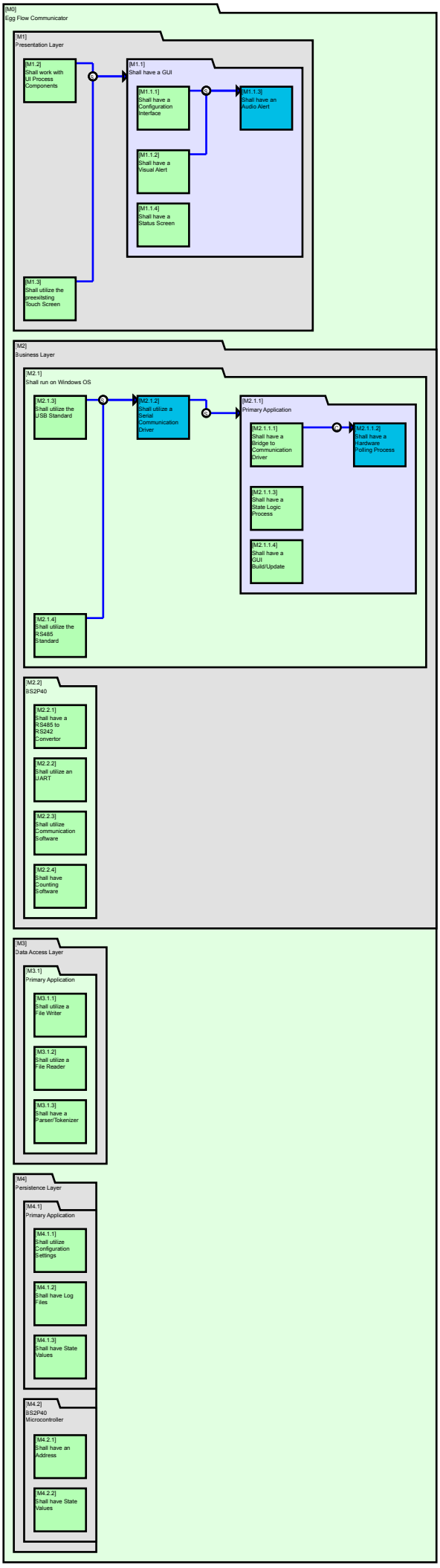
[M0]
Egg Flow Communicator
[M1]
Presentation Layer
[M1.2]
Shall work with UI Process Components
[M1.1]
Shall have a GUI
[M1.1.1]
Shall have a Configuration Interface
[M1.1.3]
Shall have an Audio Alert
[M1.1.2]
Shall have a Visual Alert
[M1.1.4]
Shall have a Status Screen
[M1.3]
Shall utilize the preexisting Touch Screen
[M2]
Business Layer
[M2.1]
Shall run on Windows OS
[M2.1.3]
Shall utilize the USB Standard
[M2.1.2]
Shall utilize a Serial Communication Driver
[M2.1.1]
Primary Application
[M2.1.1.1]
Shall have a Bridge to Communication Driver
[M2.1.1.2]
Shall have a Hardware Polling Process
[M2.1.1.3]
Shall have a State Logic Process
[M2.1.1.4]
Shall have a GUI Build/Update
[M2.1.4]
Shall utilize the RS485 Standard
[M2.2]
BS2P40
[M2.2.1]
Shall have a RS485 to RS242 Convertor
[M2.2.2]
Shall utilize an UART
[M2.2.3]
Shall utilize Communication Software
[M2.2.4]
Shall have Counting Software
[M3]
Data Access Layer
[M3.1]
Primary Application
[M3.1.1]
Shall utilize a File Writer
[M3.1.2]
Shall utilize a File Reader
[M3.1.3]
Shall have a Parser/Tokenizer
[M4]
Persistence Layer
[M4.1]
Primary Application
[M4.1.1]
Shall utilize Configuration Settings
[M4.1.2]
Shall have Log Files
[M4.1.3]
Shall have State Values
[M4.2]
BS2P40 Microcontroller
[M4.2.1]
Shall have an Address
[M4.2.2]
Shall have State Values