

3.1.1.1 Micro SD Card				OS Data									
	3.1.1.2 USB 128 GB			Persistent Data					Data Volume for Expenses	Data Volume for Inventory Log			
		3.1.1.3 Error Code LED		GPIO ( 2 PIN)			Error Code						
			3.1.1.4 External Wifi Antena	Access Point									
			Usb Port	3.1.1.5 Raspberry Pi 4	GPIO		Real time Data (datastream)	Network Info					
				GPIO	3.1.1.6 LORA ESP 32 Transmitter		Smart Valve Status						
						3.1.3.1 Monitoring (Grafana)							
					Turn on/off Relay		3.1.3.2 Dashboard (Control Board)						
				DATA			network.example.com	3.1.3.3 Network (Network Throughput)					
							expenses.example.com	3.1.3.4 Expenses (CRUD web app)					
				DATA			inventory.example.com			3.1.3.5 Inventory Log (CRUD web app)			
				Wifi Connect Request		Sensors Info ( Wind, Humidity, Temperature)				3.3.1.1 Ecowitt Weather Station (On the Shelve)			
											3.3.2.1 ESP 32 LORA		
											Power	3.3.2.2 AA Batteries	