**Documentation for Custom Functions**

1. Pin Initialization

5 inputs: Pin Number, Mode, Speed, Port Number, Port Clock (All naming as per labs and previous codes. Example: Speed = GPIO\_Speed\_Mode\_50MHz)

1. Timer

*Initialization*

4 inputs: Frequency in kHz, Duty Cycle as Percentage (Example: 20), Timer Number, Timer Clock

*Disable*

1 input: Timer Number

1. LCD Initialization

STM3210E\_LCD\_Init();