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Stomp Broker

to communicate stomp broker needed to make a custom library

here is some function for this library:

void stomp_client_connect(void); to connect Stomp broker.

void stomp_client_subscribe(char* topic); subscribe the topic

bool stompSend(char * buff, char* topic); send data buffer to Sromp broker

void stomeAck(const char * message); manual acknowledgement with Stomp

void stomp_client_handle_message(const char *message); handle the stomp data Pac

void stomp_client_int(stompInfo_cfg_t stompSetup); int Stomp broker with WSS

void stompAppStart(void); Start Stomp Broker

void wifi_connection(void); handle the wifi connectivity

Enrollment

Add some function to enroll person.

void process_command(const char* buffer);

This function is used for handling command types. Like enroll cmd, person delete cmd.

void enrolOngoing(void);

This function is used for processing enrollment. Duplicate checking, acknowledgment, wait timeout, enrollment id sent to server.

Data handler: this file is use for handle data from server by some function

void dataHandele(const char *rx_buffer);

```c
uint16_t crc16(const char *buf, size_t len);

uint16_t getCRC16(uint16_t value);

uint16_t hex_to_uint16(const char* hex_str);

void u16tochar (uint16_t data, char* buff);

void u32tochar (uint32_t data, char* buff);

uint16_t chartou16 (char* data);

uint32_t chartou32 (char* data);

void toArray(uint16_t slotL, uint8_t *data_buffer);

void extractMessage(const char *buffer, char *output);
```