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Embedded Firmware engineer

QRCode library

C Structure:

```
typedef struct {  
    uint16_t xOffset;  
    uint8_t yOffset;  
} qrcode_t;
```

Some of Function:

```
void qrencode(void);  
  
void createQrcode(char *message ,camera_fb_t *buff);  
  
void render(int x, int y, int color ,camera_fb_t *buff);  
  
unsigned modnn(unsigned x);  
  
void initrspoly(unsigned char eclen, unsigned char *genpoly);  
  
void appendrs(unsigned char *data, unsigned char dlen,  
              unsigned char *ecbuf, unsigned char eclen, unsigned char  
*genpoly);
```

```
void stringtoqr(void);  
  
unsigned char ismasked(unsigned char x, unsigned char y);  
  
void fillframe(void);  
  
void applymask(unsigned char m);  
  
unsigned badruns(unsigned char length);  
  
int badcheck();  
  
void addfmt(unsigned char masknum);  
  
void qrencode();
```

Next task is design and print logo.