



REVERSING-RADAR

```
void US_REVERSING_RADAR_process_main(void)
{
    HCSR04_demo_state_machine; //Calcule distance
    US_REVERSING_RADAR_mode_management; //Gère modes
    US_REVERSING_RADAR_compute_frequency; //Calcule freq
}
```

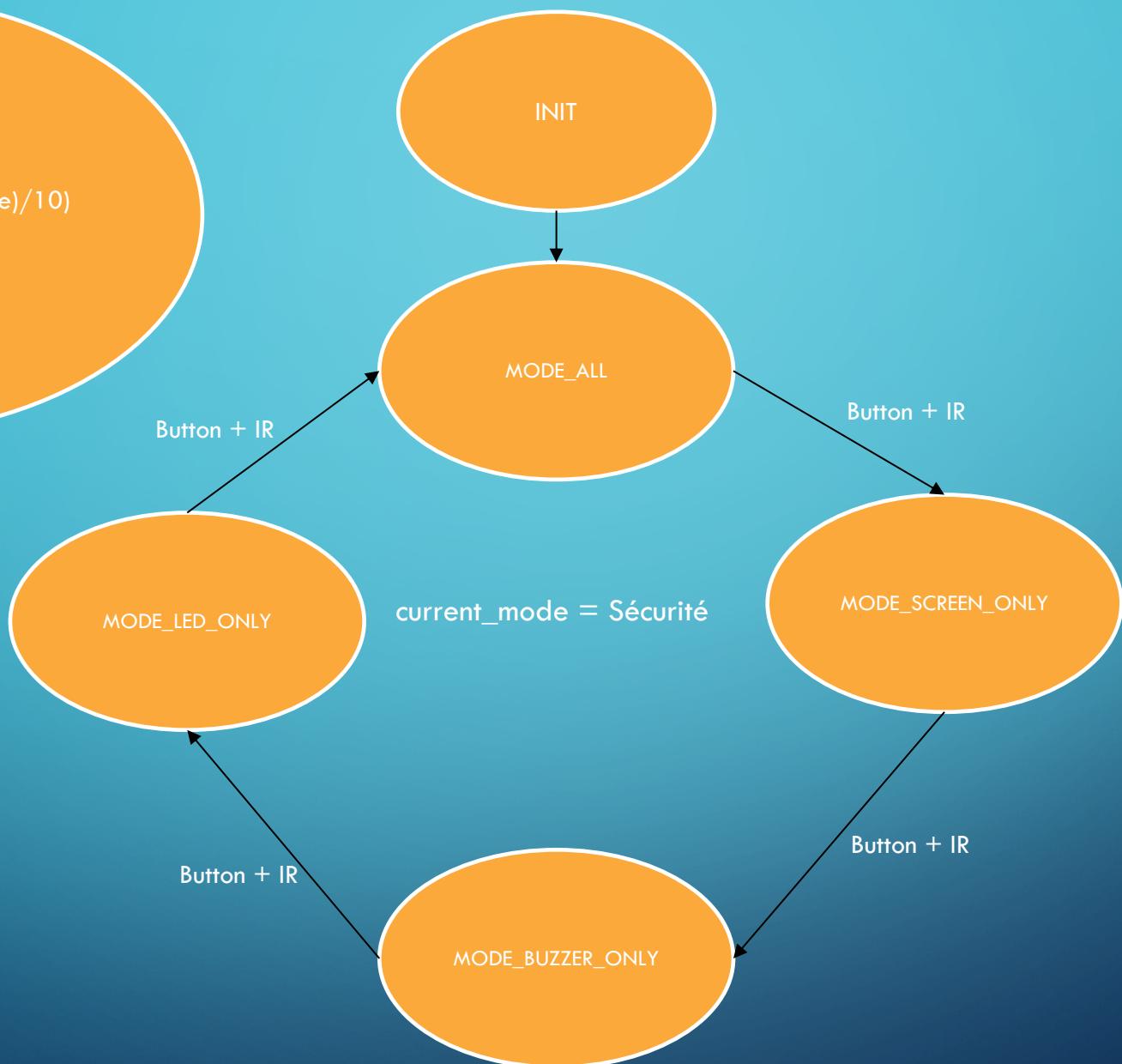
Typedef enum
{
 INIT,
 MODE_ALL,
 MODE_SCREEN_ONLY,
 MODE_BUZZER_ONLY,
 MODE_LED_ONLY,
}mode_e;

```
switch(current_mode)  
{  
    case INIT :  
        action()  
    case MODE_ALL :  
        action(display or pin up)  
    case MODE_SCREEN_ONLY :  
        action()  
    ...  
}
```

US_REVERSING_RADAR_mode_management

MODE_X
distance = (HCSR04_get_distance)/10;
lcd_display();
manage_peripherals();

static mode (in mode_management in .c file)
static current_mode (in .c file)
Static distance





SPÉCIFICITÉ DU PROJET DIFFICULTÉS RENCONTRÉES ETAT D'AVANCEMENT PERSPECTIVES D'UTILISATION

MERCI !