

Software Flowchart

Pre-processor directives :

flashing rate, button pin, light pin,
red pin, green pin, blue pin



Global variables :

mode

Some variable to track battery life



void setup ()

set up the interrupt



void loop ()

check button

change PWM to shine light accordingly

detect and display battery life



Helper methods :

void detect_Press ()

detects button and changes mode

void shine - LED ()

sets PWM and shines light

void battery - Life

detects battery life

changes RGB color accordingly

