

PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT

To ensure the people consume medicines as per schedule timetable, here we developed a smart pill box. The schedule data/configuration data is sent to the pill box through Mobile app. The smart pill box contains Node MCU, OLED display, LEDs, buzzer, buttons. The OLED are used to display the commands in pill box by Node MCU. Node MCU is inbuilt with Wi-Fi module. The Wi-Fi module is configured as PILL BOXAP, such that the IP address is generated in local network by IP address generated by PILLBOXAP to the Mobile App. The configuration data is sent to the smart pillbox when the configuration is in ON mode. The concerned LED glow with buzzer at schedule time. The configuration data from Mobile App is send to the EEPROM with an IP address and to cloud platform. The configuration data checks with the automated time and matching data will respond to the glow of LED and buzzer. By resetting the button tablet details are uploaded to the cloud platform and excel sheet is provided to know the consumption detailed number of tablets consumed by a person. If the person or elderly people doesn't reset button at schedule time the alert/SMS is send to the user.