AUTHENTICATION

QR SCAN

↓

OTP GENERATED (To the respective phone number)

↓

ENTER OTP

(OTP Validated)

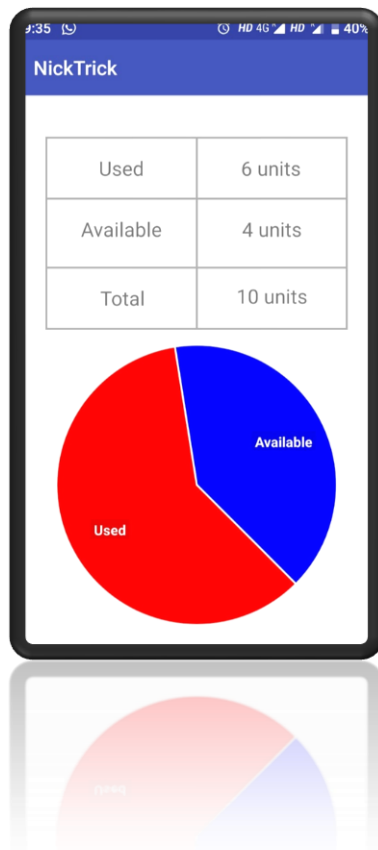↓

ENTER NAME AND PASSWORD
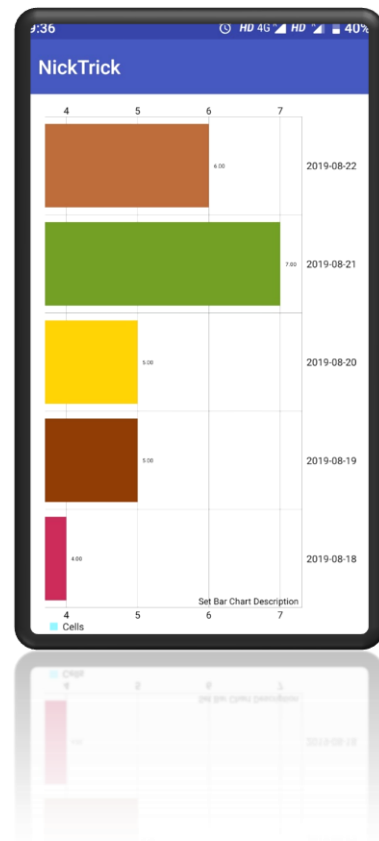
↓

AUTHENTICATION IS SUCCESSFULL

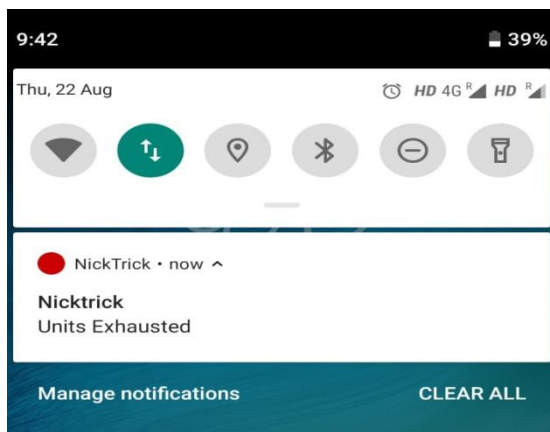(Meter's credentials is added to the app)

DATA

PIE CHART (for daily usage)
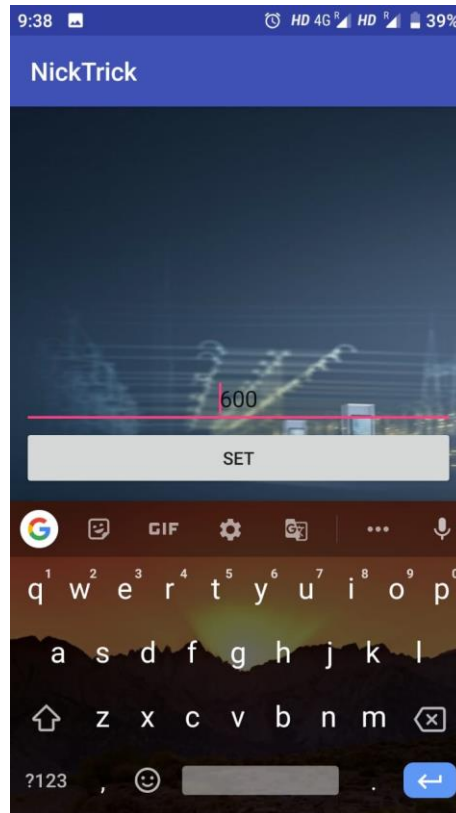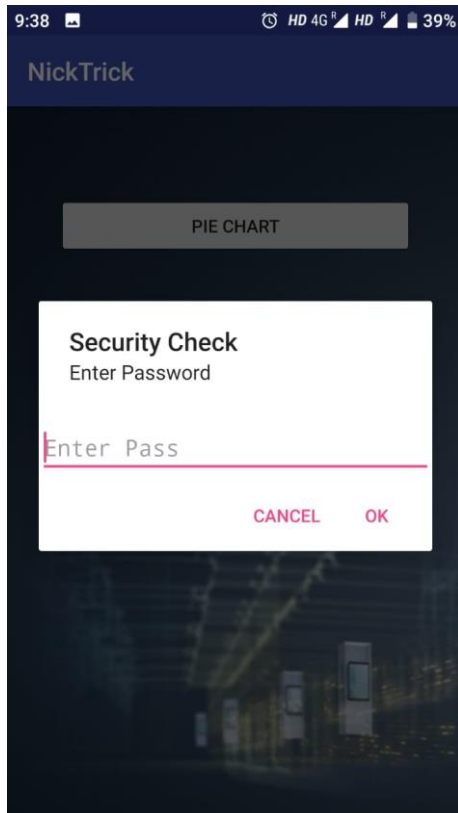

BAR CHART (for Bill cycle)

NOTIFICATION

Notification is generated for 50, 75,100%of the daily usage with respect to the threshold value

THRESHOLD

Set the threshold according to the needs

It is protected by the password entered in the authentication part

METER

3200 blinks =1kwh
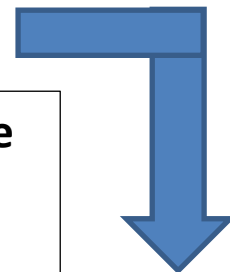
↓

LDR SENSOR

Capture the no. of blinks

↓

ARDUINO

(Calculate's the usage with respect to no.of. blinks)

GSM MODULE

(Sends the usage as a message to Government at end of bill cycle)

NODE MCU

Sends the usage to cloud

↓

APP

Retrieves the data from the cloud