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Case Study: Notification Cube

Introduction:

HDFC Bank wanted to build IoT Based Notification device. As their major concern was to build a more secure and dedicated device to address the banking notifications.

Challenge:

Present technologies which are in this field are SMS Notification, App Notification. The disadvantage of current technologies is that, it doesn't specifically address banking transaction notifications. User tend to avoid checking important transaction SMS among other SMS such as promotional, offers from various service providers.

Solution:

We at Inventrom designed a small cube which notifies banking transactions such as Debit/credit transactions, POS, Internet Banking by glowing different colours.

We provide the users with an internet connected device. These could be the device which is assigned with User Banking ID or with an option to connect to user's banking account using a Website, Mobile App.

The Notification cube works on the wifi module with GPIOs which is connected to the Server. The bank communicates with this device whenever the transaction take place, the device indicates the user by glowing an different led lights for different events such as Internet Banking, Debit card transactions, Credit card transactions, Wallet transactions, Swipe payments. User can tap on the device as an acknowledgement saying the particular transaction is done by himself. By tapping, the light goes off.

Result:

Benefits to the users having banking cube:

    a) Quick Alert
        The Cube provides the quick alert of the notification of any banking transaction on their account such as Internet banking, ATM Transaction, Debit card, Credit Card, Swipe at any Stores.
    b) Better than existing SMS Notification

    - The user tend to avoid checking the SMS notification as the priority SMS
        Such as from Bank, gets into many Spam or not so priority SMS.

    - Quick Actions
        - User can do Quick actions such as mobile recharge, transfer x amount, by tapping on to the cube. The denomination for the recharge, transfer amount or any such actions can be pre-set on website or an app. This saves lot of time and risk of wrong transactions when done on third-party online platforms.

"To learn more about us please visit us at www.boltiot.com or write us at contactus@inventrom.com. Looking forward to solve your problems by deploying IoT to serve you."