



#ICICI Appathon

RUREPORT

ALL YOU NEED IS A SIM



Team: Entwicklers

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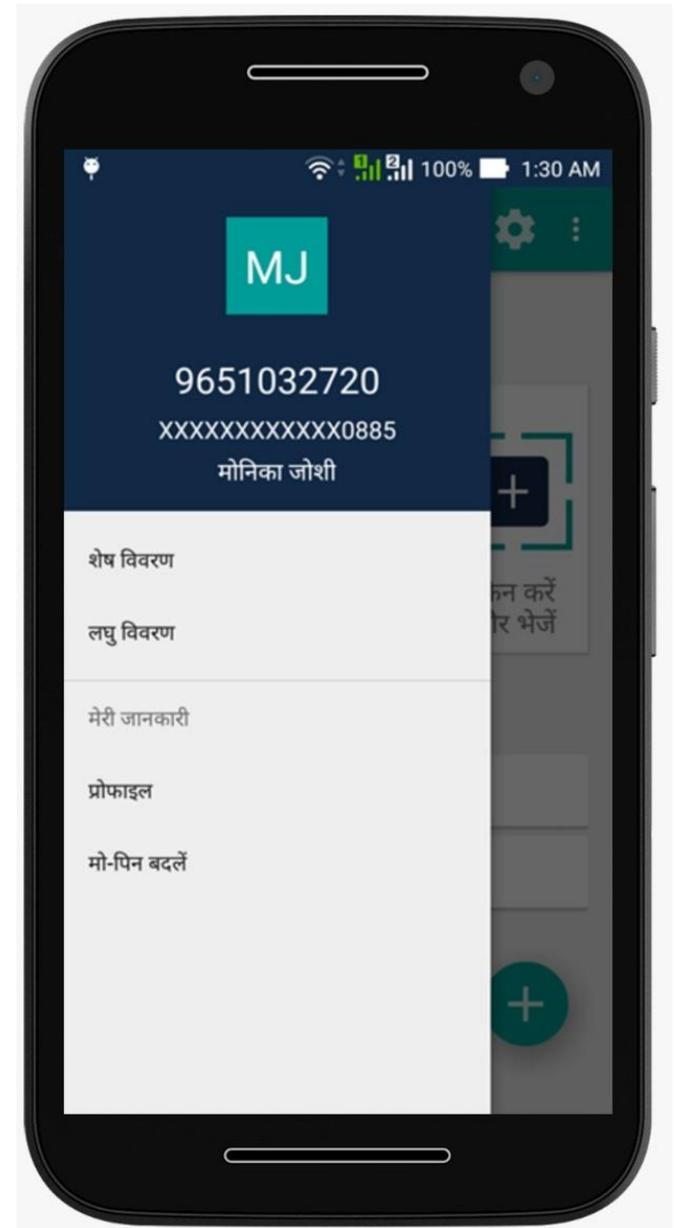
ABOUT ENTWICKLERS AND RuPORT

- Entwicklers is a group of enthusiastic young coders and out of the box thinkers.
- Group members operate out of Allahabad, Lucknow, Noida, New York, and Bangalore.
- RuPort targets the gap in basic functionalities of banking services, while user is not connected to the internet.
- The target users of RuPort will be the customers of retail banks.

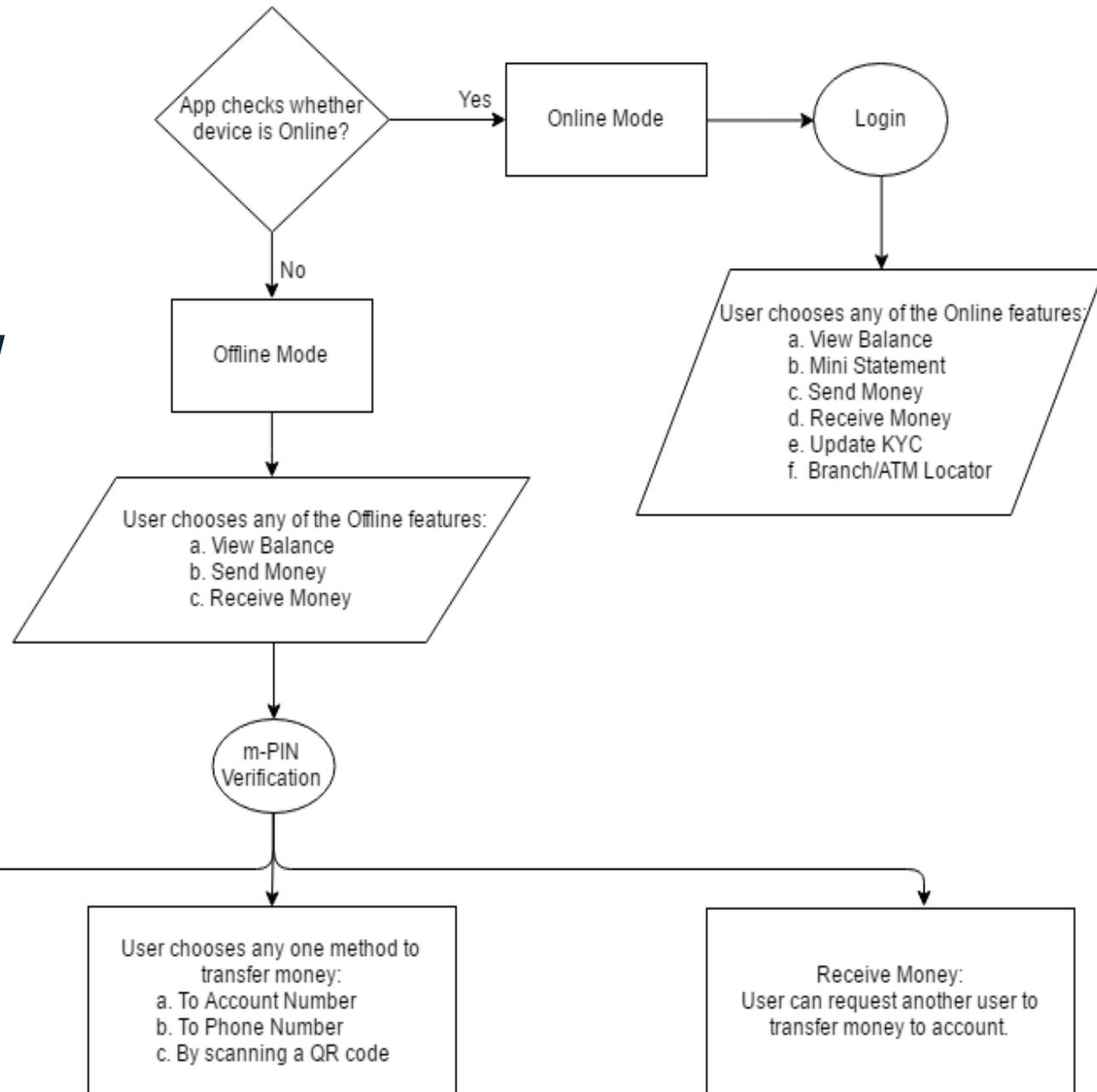


ABOUT RuPORT (CONT'D)

- RuPort captures the currently non-existing feature of accessing banking facilities while user is offline.
- Software Details:
 - Development: Android Studio 2.3.1
 - Designing: Adobe Photoshop CC 14.02
 - Environment(OS) : Ubuntu 17.04
- RuPort has a simple-smooth execution and is available to users in both Hindi and English. The responses and actions are quick in both online and offline mode.



RuPort Workflow



FEATURES: ONLINE

- ❖ **View Balance:** This uses the Balance Enquiry API to view the balance of all related accounts of user.
- ❖ **Mini Statement:** This employs Recent Transaction API, and allows the user to choose from list of associated accounts for which user wants to view Mini Statement.
- ❖ **Update KYC:** This uses the KYC APIs, to update the KYC details of the customer.
- ❖ **ATM/Branch Locator:** Uses Branch ATM Locator API and the mobile's geo-location and suggests nearest ATM and/or branch.
- ❖ **Send/Request Money:** User can send or request money using Fund Transfer APIs through an account number, mobile number, or scan another user's QR code which contains mobile number information linked to an account number.

FEATURES: OFFLINE

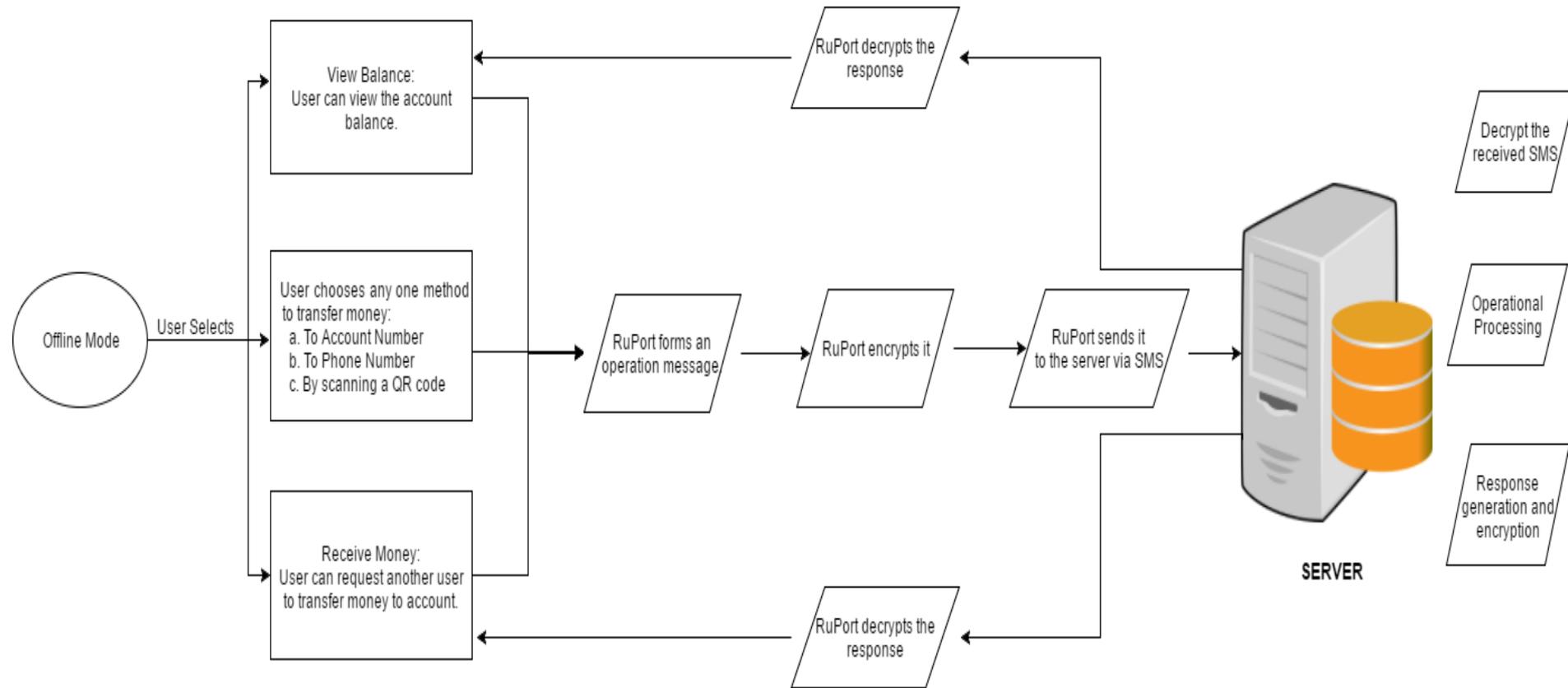
The Offline features of RuPort employ APIs to fetch and modify data at the server side, on receiving an input from the RuPort App.

- ❖ **View Balance:** This functionality displays the balance of all accounts related to the logged-in user on RuPort's screen.
- ❖ **Send/Request money:** This allows the user to Send money to the beneficiary account number, or phone number, and also by scanning a QR code which stores the mobile number to which money can be transferred.

User may request money by providing an account number or a phone number. The request is sent as a message to the Payee's phone.

- ❖ **Change m-pin:** User can change his current m-pin using this feature.

WORKING METHODOLOGY-OFFLINE



NOTE:

1. The SMS sent by RuPort will be sent to a toll-free number, hence the customer bears no charges.
2. The encrypted SMS being sent and received are automatically deleted, to enhance security.

FUTURE PROSPECTS

- Implementing and enhancing the working of Online functionalities.
- Creating the proper working module of the Offline Mode, which includes buying of the toll-free server number to converse encrypted operational messages.
- Future prospects shall also include server side improvements.

