Software Requirements Specification (SRS)

OF

RSO App_vFocus Merger

Submitted by

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1. Introduction

1.1 Purpose

To increase sales rate and internal team collaboration, Banglalink has taken an initiative to develop high-end sales team tools.

With prospect of this view, Prime Tech Solutions Ltd. have developed & modified an app. Having faster functionality, this app is offering better services to the retailers and stakeholder end

The main objective of the vFocus app is to help the end user with access to real-time data or reports on the go to make their life easier and more efficient than the previous version.

1.2 Project Scope

The features of the Developed vFocus Apps are as following (Ref: scope document):

- vFocus app will be developed under the salesforce app by maintaining the interface of Salesforce app.
- UI follows dynamic and adaptable mobile apps (SIX common Interface Design, Gradient with subtleness and simplicity, low-light dark themes)
- Dynamic Report dashboard.
- Dashboard for Retail Service Officer (RSO).
- Dynamic KPI (Easy solutions to KPI change, improve data searching and sorting, customize Graph and charts, KPI wise retailer filtering (SSO & LSO).
- Map View (with BTS, RSO & Retailers' data)
- Team Management.
- vFocus app has released on both Android & iOS Phone.

1.3 Product Features

The following features will be available in this system (Ref: Use case document):

- App Login
- Home
- Map
- Team management
- Meet the retailer
- My Team Performance
- Call Feature
- App Review
- Automatic Update

- Link View

2. Overall Description

2.1 Product Perspective

Proposed vFocus App diagram which far more superior to the present one is given bellow: –

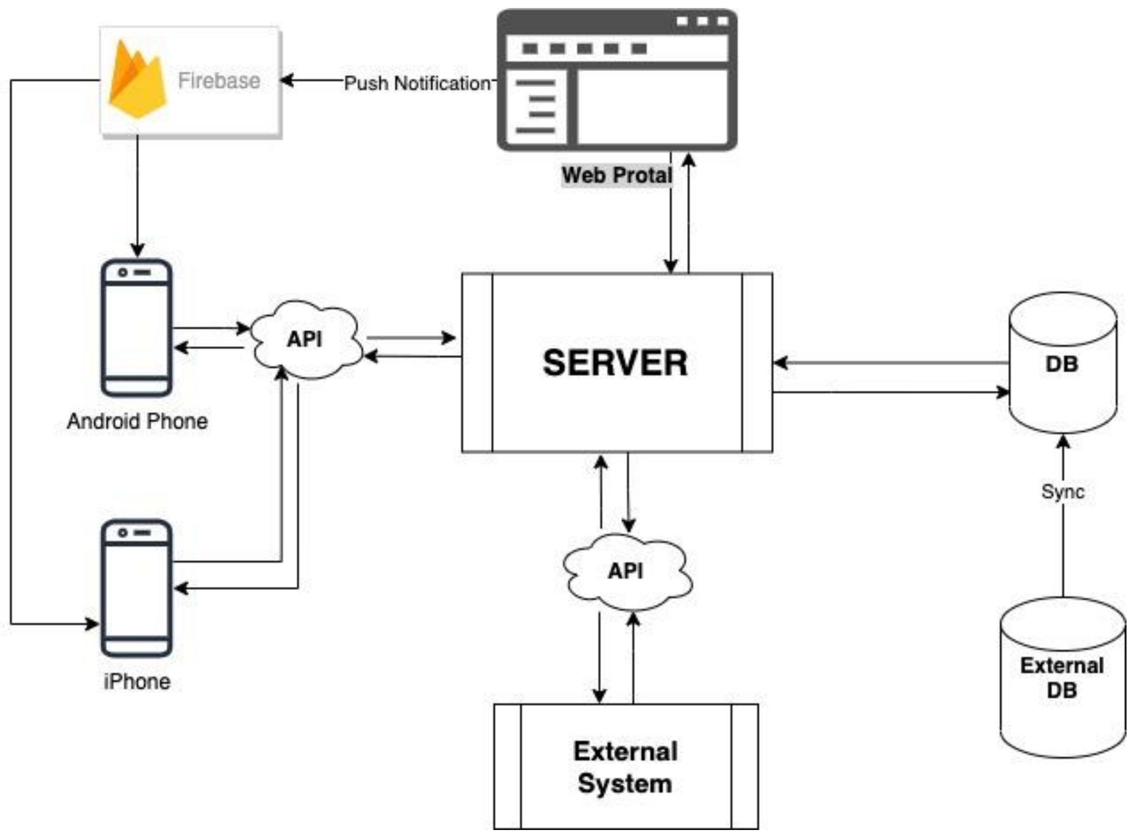


Figure 1: Proposed vFocus App System.

2.2 User Classes and Characteristics

Following types of users will operate this system –

UR-01: Admin – Configure and Observe the Activities.

UR-02: IT Admin –They will be able to technical support all over the applications.

UR-03: App User –They will be able to view their relevant data and perform their activities.

2.3 Operating Environment

OE-1: vFocus App will run on Android & iOS phone.

OE-2: The Pop-up blocker must be disabled to allow Pop-ups for web portal.

2.4 Design and Implementation constraints

CO-1: All design should available in Figma.com.

CO-2: Android app will available in local server whereas iPhone app will available in App store.

CO-3: There should be automatic update option when new version available.

CO-4: iPhone app UI need different design based on different type of device.

2.5 User Documentation

UD-1: User Manual will be provided to understand the functionalities and operations of each and every component of the system as htm file.

2.6 Dependencies

The following modules have the dependencies:

DE-1. Only BL network Connection must be support for performing app operation.

DE-2. App run in android and iOS devices.

3. Business Scope (Ref Use Case document)

Id	Rule Name	Description
ID-01	*App Login*	1.1 Login
ID-02	*HOME*	2.1 Dynamic Dashboard 2.2 KPIs 2.3 Messages
ID-03	*Map*	3.1 Map View. 3.2 BTS KPI Report. 3.3 BTS Navigation. 3.4 Down BTS
ID-04	*Team Management*	4.1 Organize our regional teams into this tab for gaining useful insights of their performance and updates. 4.2 KPI dash board of concern of retailer and RSO with an option for searching by RSO code and/or retailer code
ID-05	*Meet the retailer*	5.1 Location wise suggestions of retailers close to proximity
ID-06	*My Team Performance*	6.1 Stock Opening Balance of All RSOs(Itopup)/DD 6.2 Sales Update 6.2 Deno drive: Individual 6.4 Deno drive: Summary 6.5 ETSAF Status: Individual 6.6 Campaign Performance 6.7 Retail Visit Report
ID-07	*Call feature*	7.1 Call feature on KPI page and BTS report pages
ID-08	*App Review*	8.1 To review and give feedback
ID-09	*Automatic update*	9.1 Automatic update
ID-10	*Link View*	10.1Set link on web portal and it will show in App

4. Software Requirements/Interfaces Specifications

4.1 ID-01 (App Login)

Users: vFocus Users (Central, Cluster Director, RH, ZM, TO, MDO).

Business Logic: While user will input Code than an OTP will be generated. When a user login with code then the system will check his device ID and provide code in the system and automatically complete the registration process in this way. After successful login, user will be redirected to the dashboard page where user can see the total overview of their system.

i. Requirements 1.1 (Login)

Requirements 1.1.1 (Journey as Existing App)

Requirements 1.1.2 (UI need to change)

Workflow Diagram: App Login

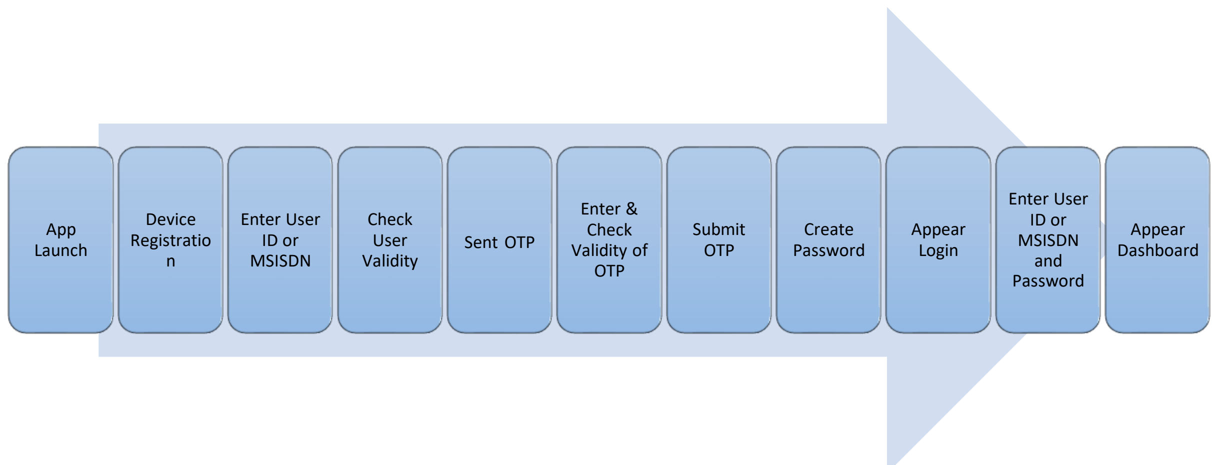
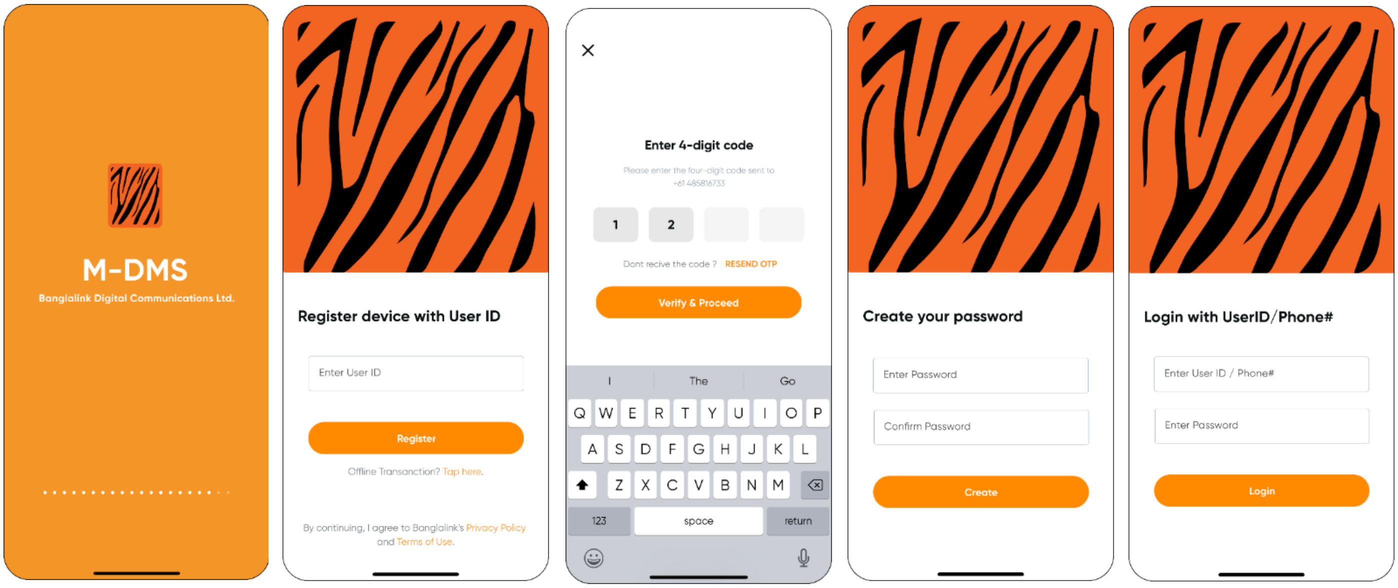


Figure 1 Login

Workflow Description:

i. App Launch
ii. Device Registration
iii. Enter User ID or MSISDN
iv. Check User Validity
v. Sent OTP
vi. Enter & Check Validity of OTP
vii. Submit OTP
viii. Create Password
ix. Appear Login
x. Enter User ID or MSISDN and Password
xi. Appear Dashboard

User Interface for App:



Rules/Validations:

1. While users will input User ID (User Code/Master SIM Number) than an OTP will be generated
2. OTP length will be as per policy (6 Digit)
3. OTP will be filled automatically, or Users can input manually
4. OTP must be valid (System will validate inputted OTP)
5. Password and Confirm password must be matched and same
6. If password match device ID and User code will be stored in system
7. When a user logs in with User code then the system will check his device ID and provide User code in the system. If this combination is found ok, then require only ID and Password otherwise OTP will be required.
8. Session expires will be configurable (1 day session mandatory)

4.2 ID-02 (Home)

Users: vFocus Users (Central, Cluster Director, RH, ZM, TO, MDO).

Business Logic: After successfully log in, user will be redirected to the Home page where user can see the total overview of their system consisting of Dynamic Dashboard, KPIs and Message. In Home Page user will be able to see the KPI Data, Chart, KPI Details Summary, Message option etc.

i. Requirements 2.1 (Dynamic Dashboard)

Requirements 2.1.1 (Only selected KPIs are shown in dashboard view)
Requirements 2.1.2 (User can select max 3 KPIs from existing list from setting)
Requirements 2.1.3 (After selecting the KPI user can also select Graph type which are already mapped with selected KPI)

ii. Requirements 2.2 (KPIs)

Requirements 2.2.1 (Scope to customize UI of KPI)

Requirements 2.2.1.1 (If any new KPI is introduced, then it should be minimum effort and minimum customization for achieve it in back end.)

Requirements 2.2.1.2 (App should a standard design which can support new KPI.)

Requirements 2.2.2 (Search bar for each page of the app. Search Feature Shown in Mobile Application: Give our Focus app users a handy search bar so that they can find the menu as they need quickly.)

Requirements 2.2.2.1 (There should be a global search option for all over the application for searching menu)

Requirements 2.2.2.2 (On search bar user when enter 2 chars minimum or full word then system automatically show searched data which will show in same page)

Requirements 2.2.2.3 (From the searched data user can tap any item then system will redirect to related page.)

Requirements 2.2.3 (User selected graph for KPI)

Requirements 2.2.3.1 (User can select a KPI from list for showing graph)

Requirements 2.2.3.2 (After selecting the KPI user can also select Graph type which are already mapped with selected KPI in backend)

Requirements 2.2.3.3 (There should be date range picker for showing graph based on date range, it can be historical data but MTD of any year. Data retention policy will be decided.)

Requirements 2.2.4 (KPI wise retailer filtering feature)

Requirements 2.2.4.1 (This is existing feature)

Requirements 2.2.4.2 (Now need to incorporate three new filters on existing options that's are SSO (SIM Selling Outlet), LSO (Load Selling Outlet), RSO)

iii. Requirements 2.3 (Message)

Requirements 2.3.1 (There should be an option to tag specific users and scope to assign task there.)

Requirements 2.3.1.1 (Messaging feature is already exists. Need to incorporate following options in existing features.)

Requirements 2.3.1.1.1 (There should be specify user by tagging on message writing area for make understand that the message for that specified user (e.g. @UserOne, @UserTwo)

Workflow Diagram App: Home

Figure: Dynamic Dashboard

Figure: KPIs

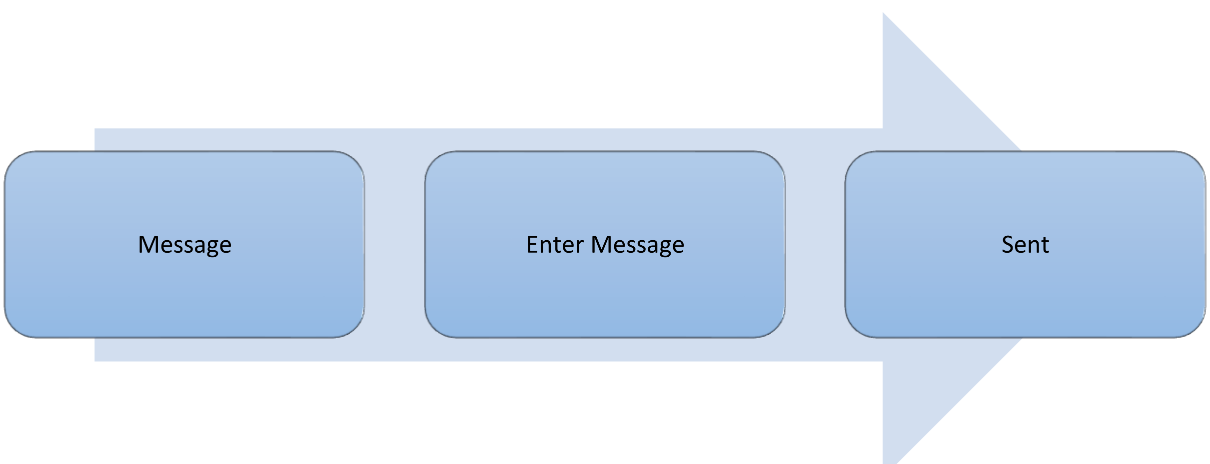


Figure 3: Sent Message

Workflow Description - Home

Workflow Description – Dynamic Dashboard:

i. Home will appear
ii. KPI Data will appeared.
iii. Chart will appear on bottom

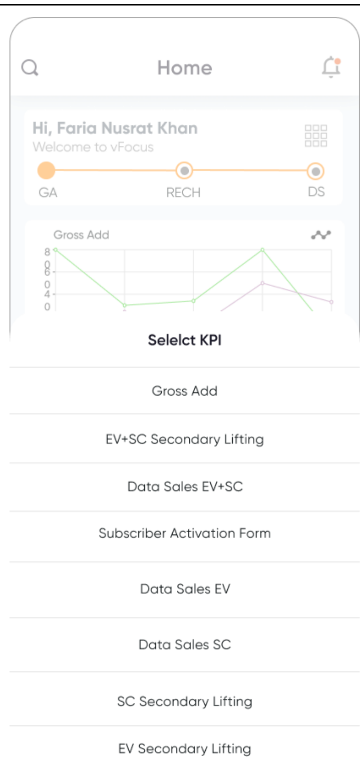
Workflow Description – KPIs:

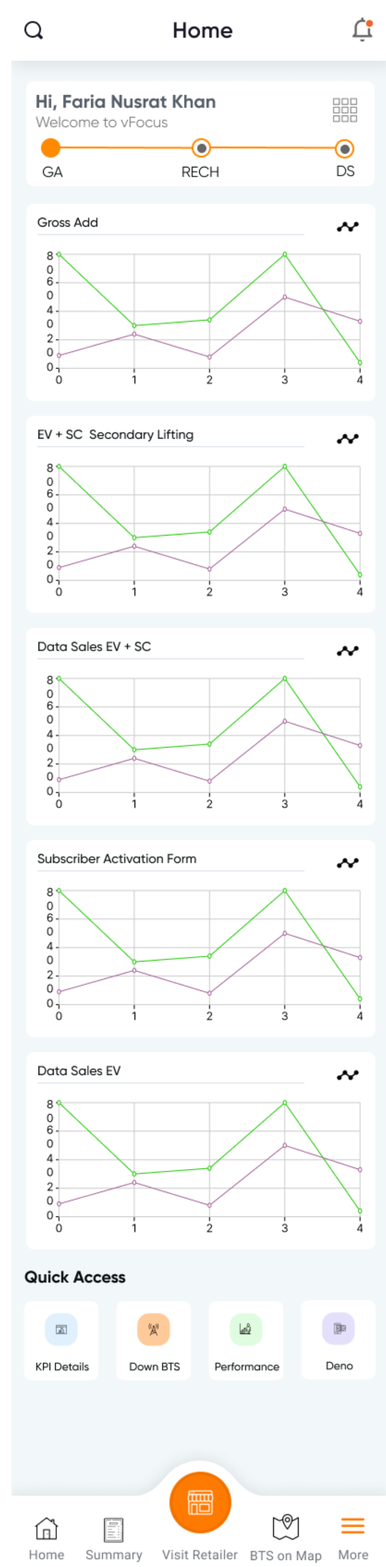
i. KPI Dashboard will appear.
ii. Select Cluster Field will be visible.
iii. Select Region Field will be visible.
iv. Select RSO Field will be visible.
v. Select Retailer Option will be appeared.
vi. KPI Data will be appeared based on previous field input.
vii. KPI Detail Summary will be shown after clicking on KPI.

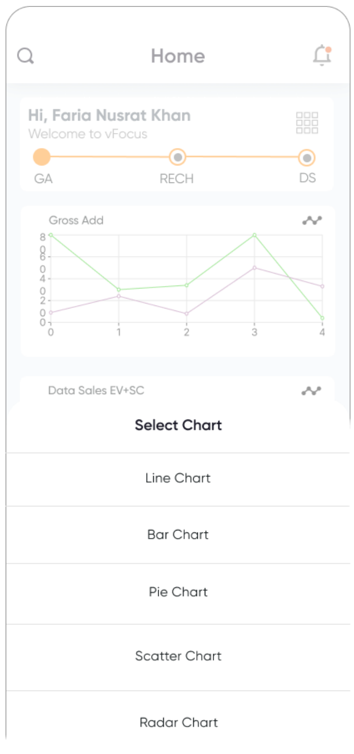
Workflow Description – Message:

i. Select Message Option
ii. Type Message on Text Box.
iii. Click on sent button to send the message.

User Interface for App:







Rules/Validations:

i. Based on previous data graph will be shown if user not connected with internet.
ii. KPI name will be shown alphabetically descending order.
iii. Text box should have length of 250 characters.
iv. To convert home screen into dark mode, alert box will be shown with reminder message.
v. System will show auto suggestion while searching.
vi. Mandatory Fields: Title and Description for message.

4.3 ID-03 (Map)

Users: vFocus Users (Central, Cluster Director, RH, ZM, TO, MDO).

Business Logic: A BTS can be found with the BTS Code, the location of the BTS will be shown in Google map. To view the detail of the BTS, tap on the BTS Info tab. The BTSs which are down for last one hour will be shown by pointing their location on the map. To view the down count of each area, tap on the checklist beside the right arrow. You can change the hour to see the status of a particular hour.

i. Requirements 3.1 (Map View)

Requirements 3.1.1 (Map View with BTS specific data)

Requirements 3.1.1.1 (Currently BTS data shows as D-1, but need to incorporate in real time.)
Requirements 3.1.1.2 (There should be scope to incorporate new data number of 4G users, revenue from 4G users)

Requirements 3.1.1.3 (After selecting the KPI user can also select Graph type which are already mapped with selected KPI)

ii. Requirements 3.2 (BTS KPI Report)

Requirements 3.2.1 (Currently BTS wise KPI report shows as some are D-1 and some are real time, but need to incorporate all in real time.)

Requirements 3.2.2 (There should be scope to incorporate BTS wise KPI report with option to filter according to macro/micro/4G/3G/2G –BTS)

iii. Requirements 3.3 (Down BTS)

Requirements 3.3.1 (This feature is already exists, but need to incorporate push notification to respective user if any down BTS summary found (e.g. COUNT <20> BTS reported down on <time>). On tap to the notification, it will redirect to related Down BTS link.)

iv. Requirements 3.4 (BTS Navigation)

Requirements 3.4.1 (There should be scope to incorporate BTS navigation option for all macro/micro/4G/3G/2G –BTS/other existing type of sites)

Requirements 3.4.2 (Currently when navigate BTS based on user location, its zoom in so close that BTS are not show properly and user need to zoom out for actual view.

Whereas the new requirement is to zoom to that level where user can see at least one or more BTS)

Requirements 3.4.3 (Navigation Icon should different color based on BTS type.)

Workflow Diagram App: Map

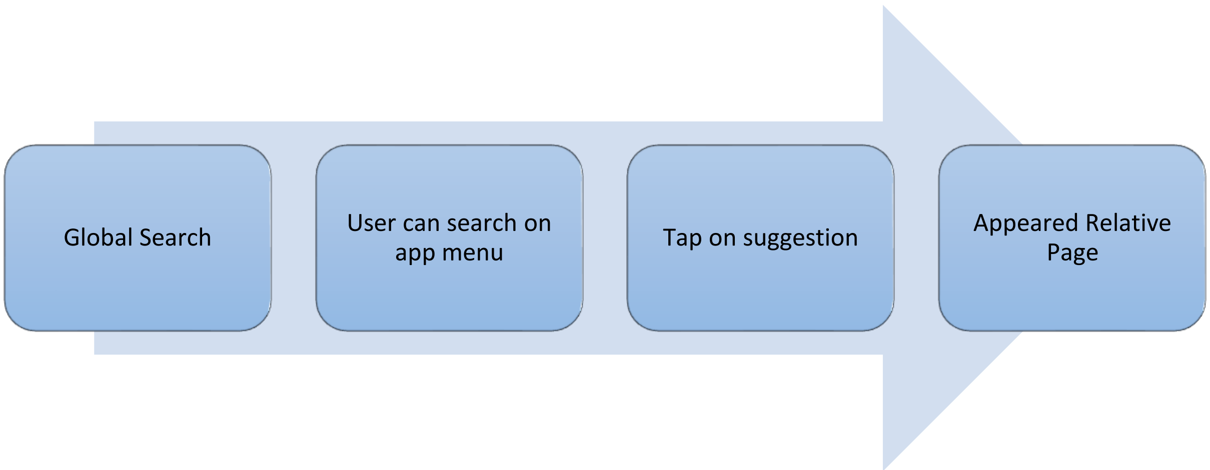


Figure1: Map View

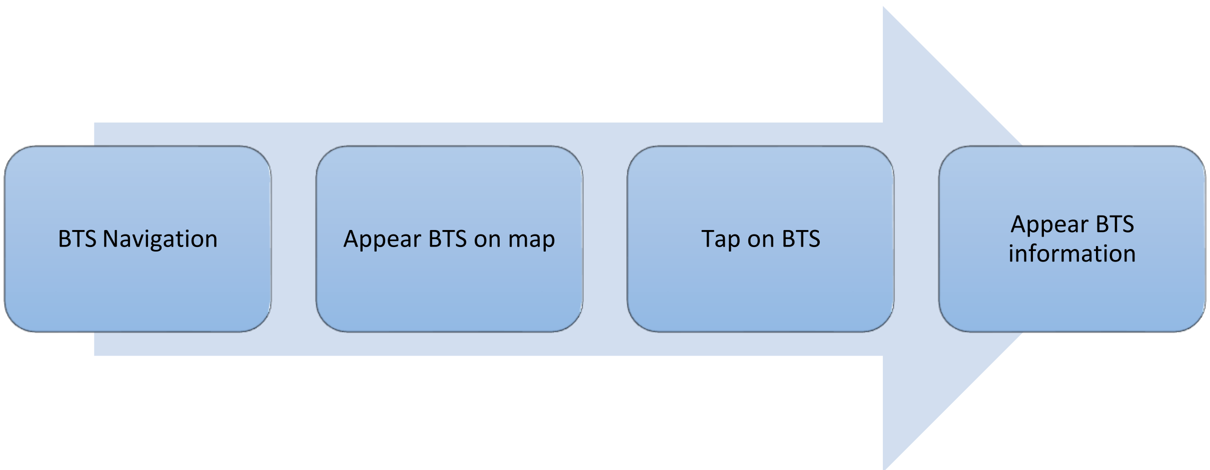


Figure 2: BTS Navigation

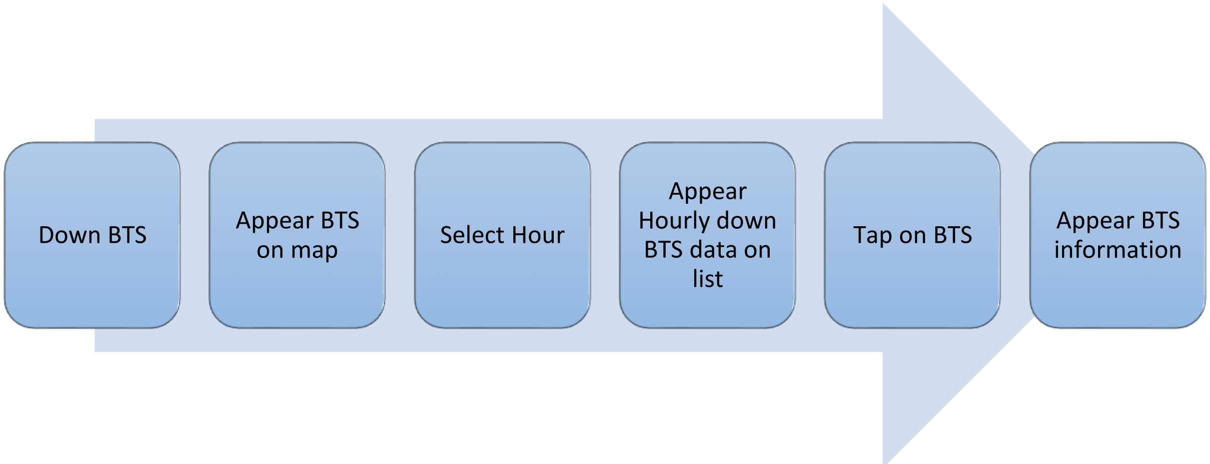


Figure 3: Down BTS

Workflow Description: Map

Workflow Description: Map View

i. Global Search will be appeared first.
ii. User can search for any data.
iii. App will show suggestion based on user input.
iv. App will show related page.

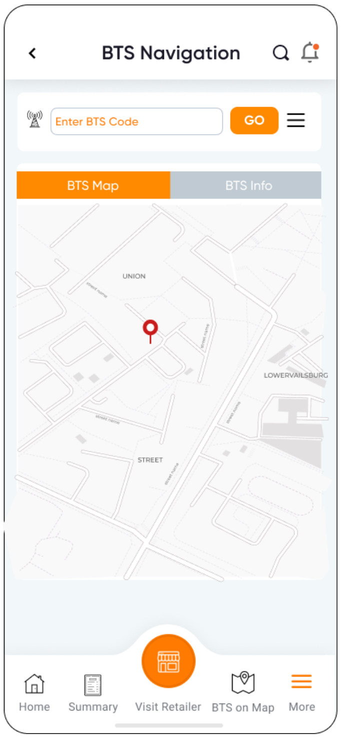
Workflow Description: BTS Navigation

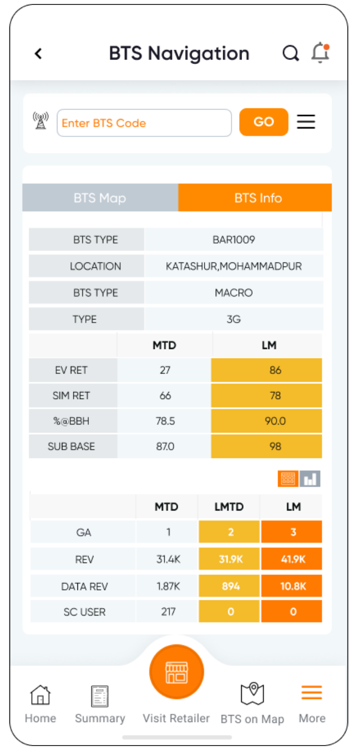
i. BTS Navigation Page will appear.
ii. BTS will be shown on map.
iii. Click to BTS to view more info.
iv. More Details Information will be visible.

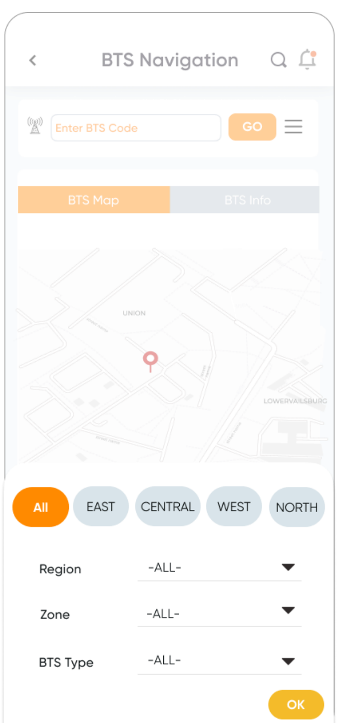
Workflow Description: Down BTS

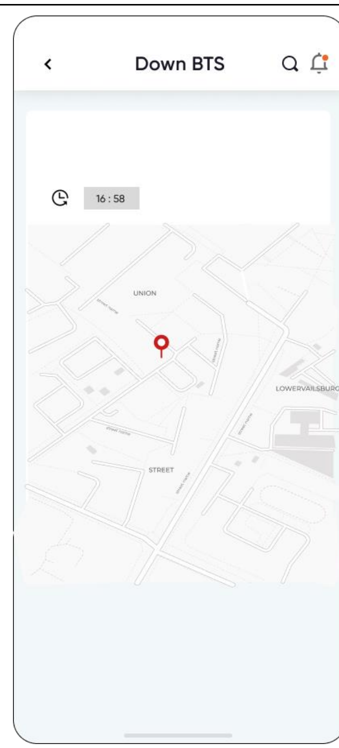
i. BTS Navigation Page will appear
ii. Down BTS will be shown on map
iii. User have to select hour in Clock.
iv. Hourly BTS data will appear.
v. Click to BTS to view more info.
vi. More Details Information will be visible.

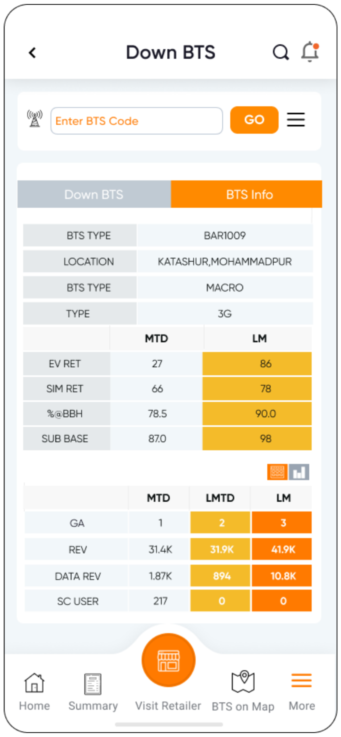
User Interface for App:

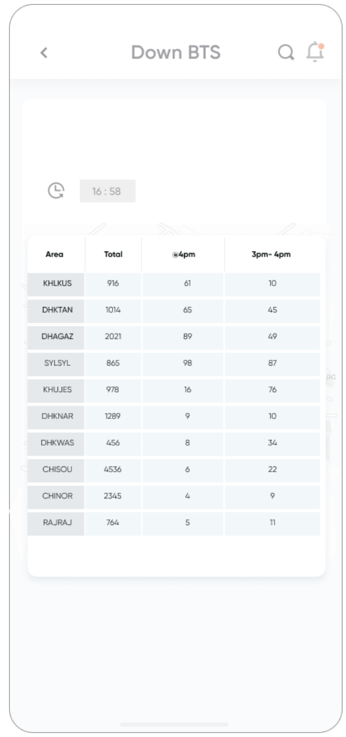


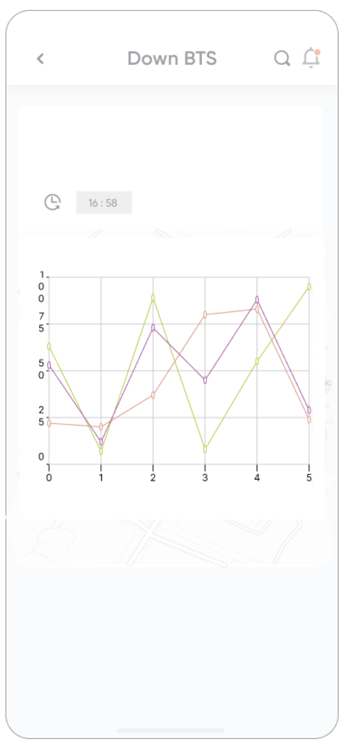







Down BTS
Enter BTS Code
GO
Down BTS
BTS Info
BTS TYPE BAR1009
LOCATION KATASHUR,MOHAMMADPUR
BTS TYPE MACRO
TYPE 3G
MTD LM
EV RET 27 86
SIM RET 66 78
%@BBH 78.5 90.0
SUB BASE 87.0 98
MTD LMTD LM
GA 1 2 3
REV 31.4K 31.9K 41.9K
DATA REV 1.87K 894 10.8K
SC USER 217 0 0
Home
Summary
Visit Retailer
BTS on Map
More


Down BTS
16 : 58
Area Total @4pm 3pm- 4pm
KHLKUS 916 61 10
DHKTAN 1014 65 45
DHAGAZ 2021 89 49
SYLSYL 865 98 87
KHUJES 978 16 76
DHKNAR 1289 9 10
DHKWAS 456 8 34
CHISOU 4536 6 22
CHINOR 2345 4 9
RAJRAJ 764 5 11


Down BTS
16 : 58
100
75
50
25
0
0 1 2 3 4 5

Rules/Validations:

i. BTS Code should be Alpha-Numeric value.
ii. Initial Map should be located within 5m radius of user’s location.
iii. No result will be shown for null value.
iv. Region Validation: Automatic suggestion will be shown
v. Zone Validation: Partial matching Area will be suggested in text box.
vi. Field Length: BTS Code length is 20 characters.

4.4 ID-04 (Team Management)

Users: vFocus Users (Central, Cluster Director, RH, ZM, TO, MDO).

Business Logic:

1. Organize their regional teams into this tab for gaining useful insights of their performance and updates.

2. KPI Dashboard of concern of retailers and RSOs with an option for searching by RSO code and/or retailer code

i. Requirements 4.1 (Performance Dashboard of RSO)

Requirements 4.1.1 (ZM has dashboard)

Requirements 4.1.2 (On that dashboard, there should be an option to drill down his own RSOs list where he can select/tap for view respective RSO dashboard to review the current status/performance of the respective RSO)

Requirements 4.1.3 (There should option on RSO dashboard to tap and redirect to the RSO Performance Detail view.)

ii. Requirements 4.2 (Performance Dashboard of Retailer)

Requirements 4.2.1 (On dashboard of RSO, there should be an option to drill down respective RSO's Retailers list where ZM can select/tap for view dashboard of Retailer to review the current status/performance of the respective Retailer.)

Requirements 4.2.2 (There should option on Retailer dashboard to tap and redirect to Retailer Performance Detail view.)

Workflow Diagram App: Team Management

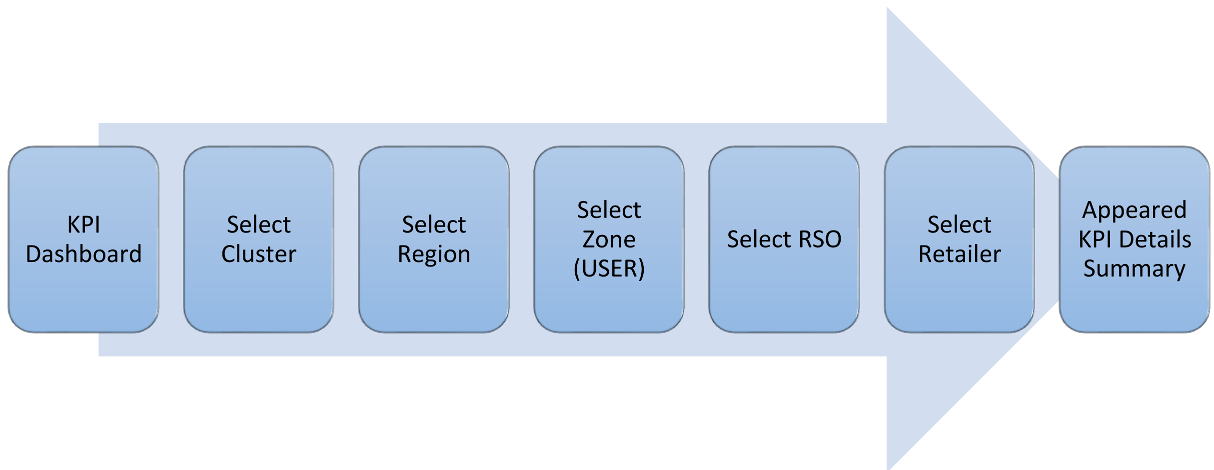
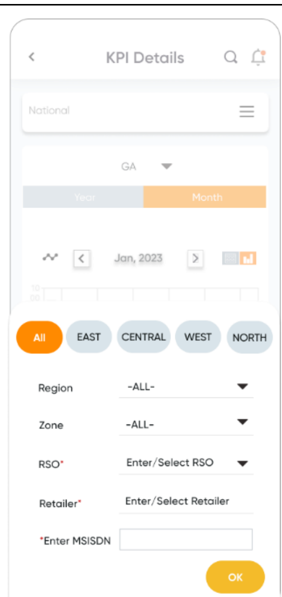


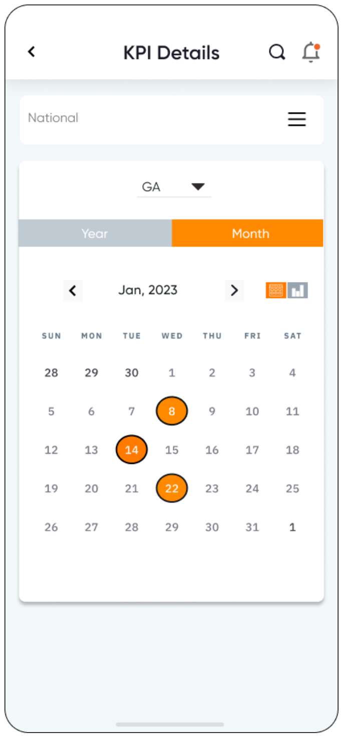
Figure: Team Management

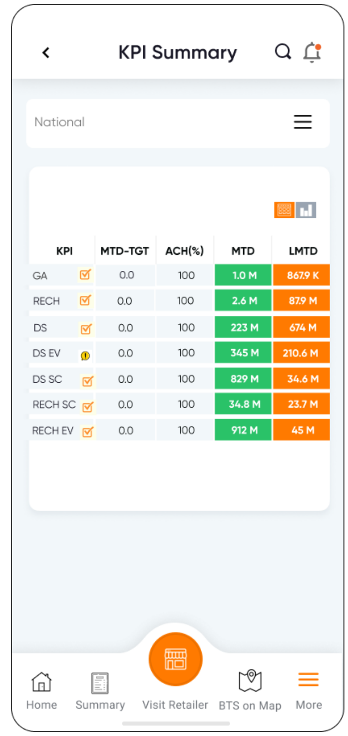
Workflow Description:

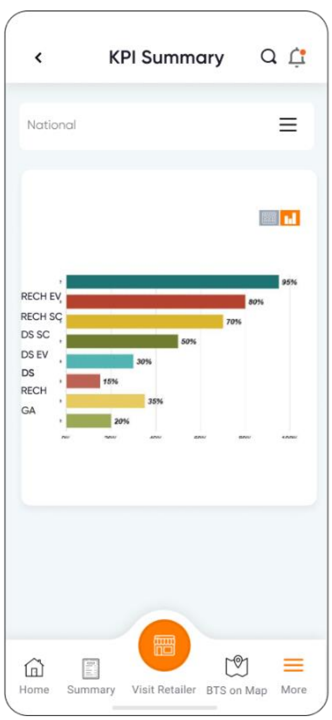
I. KPI dashboard will be shown first.
II. User have to select Cluster.
III. Than need to select Region.
IV. Based on map user need to select Zone.
V. Then need to select RSO.
VI. Select appropriate Retailer.
VII. Click to BTS to view more.
VIII. More Details Information will be visible.

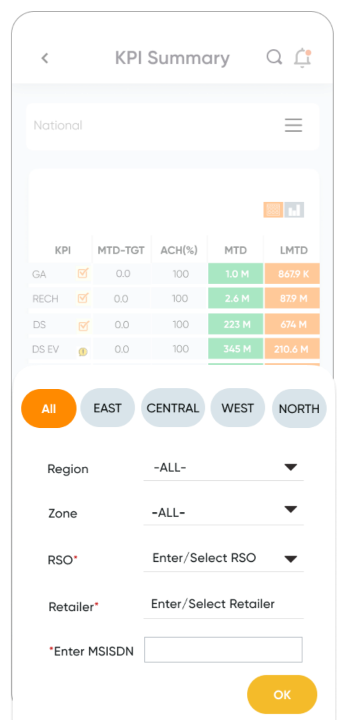
User Interface for App:


KPI Details
National
GA
Year
Month
Jan, 2023
SUN MON TUE WED THU FRI SAT
28 29 30 1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31 1


KPI Summary
National
KPI MTD-TGT ACH(%) MTD LMTD
GA 0.0 100 1.0 M 867.9 K
RECH 0.0 100 2.6 M 87.9 M
DS 0.0 100 22.3 M 67.4 M
DS EV 0.0 100 34.5 M 210.6 M
DS SC 0.0 100 82.9 M 34.6 M
RECH SC 0.0 100 34.8 M 23.7 M
RECH EV 0.0 100 91.2 M 45 M
Home
Summary
Visit Retailer
BTS on Map
More


KPI Summary
National
RECH EV
RECH SC
DS SC
DS EV
DS
RECH
GA
95%
80%
70%
50%
30%
15%
35%
20%
Home
Summary
Visit Retailer
BTS on Map
More


KPI Summary
National
KPI MTD-TGT ACH(%) MTD LMTD
GA 0.0 100 1.0 M 867.9 K
RECH 0.0 100 2.6 M 87.9 M
DS 0.0 100 22.3 M 67.4 M
DS EV 0.0 100 34.5 M 210.6 M
All
EAST
CENTRAL
WEST
NORTH
Region -ALL-
Zone -ALL-
RSO* Enter/Select RSO
Retailer* Enter/Select Retailer
*Enter MSISDN
OK

Rules/Validations:

I. To Export details, future date will give alert.
II. RSO list will be shown on “Ascending” order.
III. MSISDN field must contain number field and length should be 10 characters.
IV. System will auto suggest the retailer name.
V. Date validation: Future Date can be selected, Past Date can’t be selected
VI. Date format will be DD: MM: YYYY
VII. Retailer Length: Name length is 25 characters.
VIII. Mandatory Fields: Title, Description, Upload Image, Date.

4.5 ID-05 (Meet the Retailer)

Users: vFocus Users (Central, Cluster Director, RH, ZM, TO, MDO).

Business Logic: User will be able to view retailer on map around 5m in his/her location. If no retailer found, user zoom out on map he/she can get all retailers around 1km. if tap on retailers icon on map, go to the KPI details.

i. Requirements 5.1 (There will a menu for "Meet the retailer" where user can tap)
ii. Requirements 5.2 (When tap on it, a list page will show with those retailers, which LAT/LNG will match with user current location and 5 meters radius/proximity)
iii. Requirements 5.3 (If no retailer found it will show "No retailer found" in list page)
iv. Requirements 5.4 (If retailer found, user can tap one retailer then it will redirect to respective KPI dashboard for this retailer)

Workflow Diagram App: Meet the Retailer

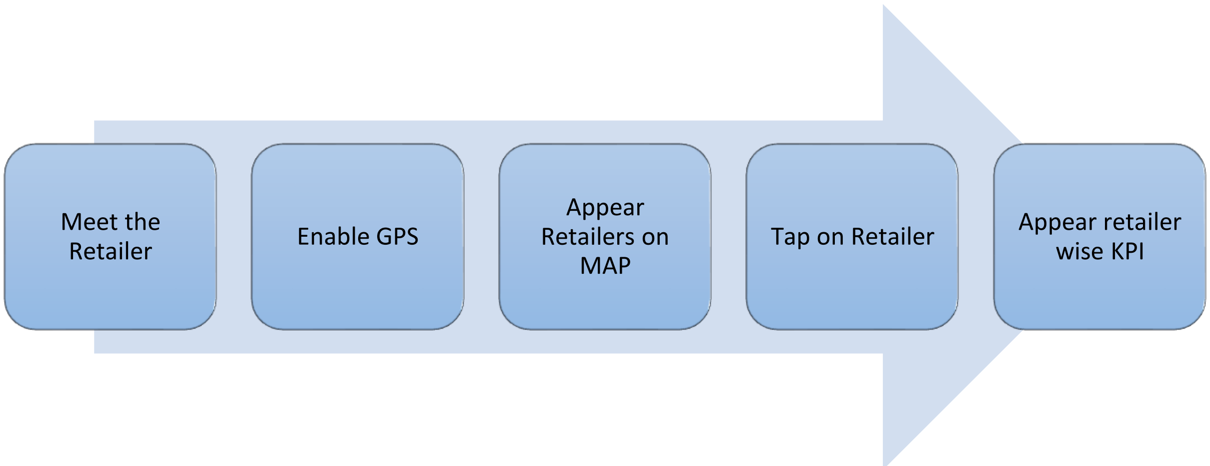


Figure: Meet the Retailer.

Figure: Retailer Report

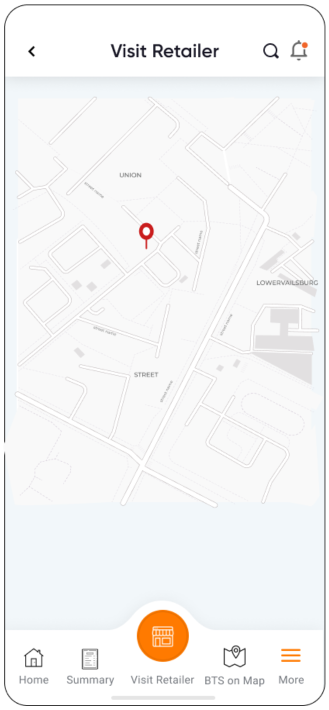
Workflow Description: Meet the Retailer

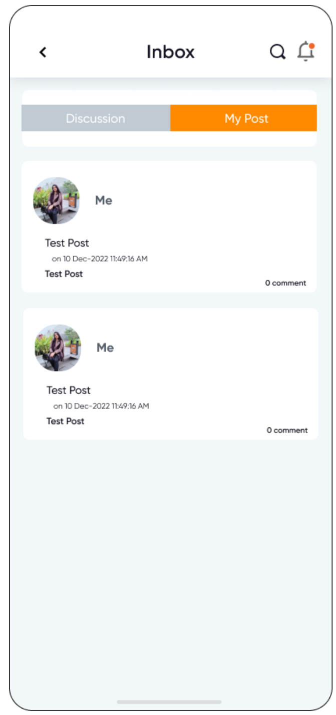
i. Click on Meet the Retailer Option.
ii. Enable or Turn On GPS.
iii. Appear retailer on Map.
iv. Click to Retailer to view more .
v. More Details Information will be visible.

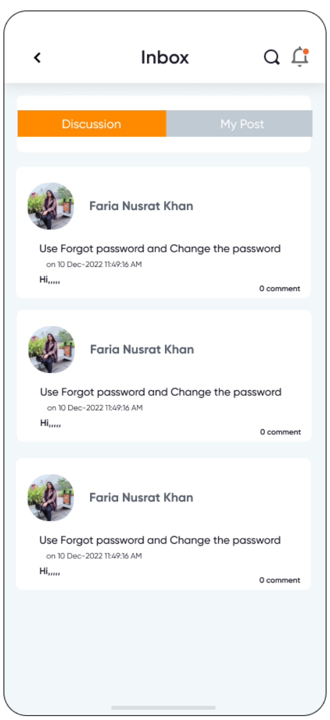
Workflow Description: Retailer Report

i. Click on Retailer Visit Report Option.
ii. Appear the Report.

User Interface for App:







Rules/Validations:

i. User can change a position on MAP.
ii. Maximum 200 characters can be type while posting.
iii. System will show auto place suggestion based on characters.
iv. As, GPS will not turn on when battery percentage is under 10. System will give alert on this case.
v. Details View will visible on pop-up windows.
vi. Retailer Report will generate in tabular format.

4.6 ID-06 (My Team Performance)

Users: vFocus Users (Central, Cluster Director, RH, ZM, TO, MDO).

Business Logic: This tab consisting of –

11 Stock Opening Balance of All RSOs(Itopup)/DD
12 Sales Update
13 Deno drive: Individual
14 Deno drive: Summary
15 ETSAF Status: Individual
16 Campaign Performance
17 Retail Visit Report

User will be able to view that individual report.

i. Requirements 6.1 (Stock Balance of All RSOs(Itopup)/DD)

RSO MSISDN/ DD Name	Stock Balance

ii. Requirements 6.2 (Team: LMTD MTD Recharge, LMTD MTD GA, LMTD MTD ETSAF Status (Accept & Reject), Strike Rate (%))

Input: MTD / LMTD Selection, KPI Selection
(Hierarchy wise summary is expected)

RSO MSISDN/ Name of ZM (Hierarchy)	Recharge (Amount)	Data Sales (Count)	GA (Count)	ETSAF Reject	ETSAF Status Accepted (Count)

iii. Requirements 6.3 (Deno Drive Individual)

Searching criteria/Input: Date range (One month) – Previous one year maximum
Deno Selection: DMS(RSO app Panel), Data from DWS

RSO MSISDN/Name of ZM	Deno 1 (Count)	Deno 2 (Count)	Deno 3 (Count)	Deno 9 (Count)	Deno 10 (Count)
RSO1	5	2	10	12	7

iv. Requirements 6.4 (Deno Drive)

Deno	Target Count	Achievement Count
Deno 1	5	4
Deno 2	6	5

v. Requirements 6.5 (ETSAF Status Individual: (RSO MSISDN)> Correction required / Rejected & Timely Accepted (Hierarchy wise summary is expected)

Searching criteria/Input: Date range (One month) – Previous one year maximum

Data Source: DWH

RSO MSISDN/Name of ZM	Accepted Timely (Count)	Rejected (Count)	Correction Required (Count)
RSO1	5	2	3

vi. Requirements 6.6 (My Campaign Targets and achievements)

There is an option to upload excel file with following fields data in RSO App Portal.

Name of DD	Campaign Name	Target	Achievement (%)
DD1	Campaign 1	7	5%

vii. Requirements 6.7 (Retailer Visit Plan, Visited by RSO and Successful call)

Name of DD/RSO	Visit Plan	Visited	Strike Rate (%)
DD1	100	30	30%

Workflow Diagram App: My Team Performance

Figure: Deno Drive Individual

Figure: Deno Drive

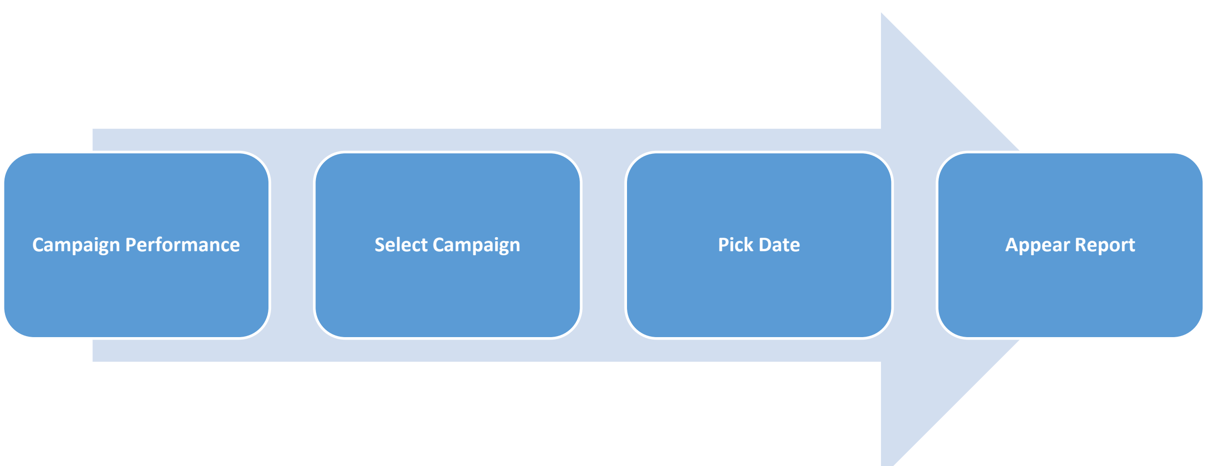


Figure: My Campaign

Workflow Description: Deno Drive Individual

I. Select on Deno Drive Individual.
II. Select KPI.
III. Report will appear.

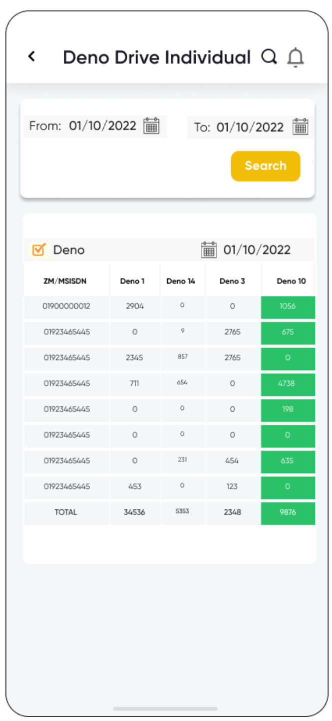
Workflow Description: Deno Drive

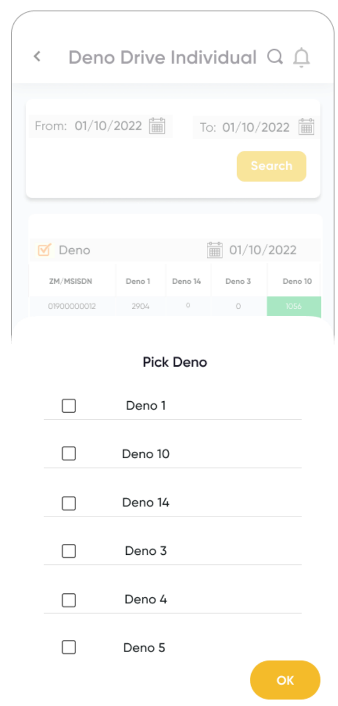
I. Select on Deno Drive Summary Page.
II. Than Pick Date Range.
III. Report will appear.

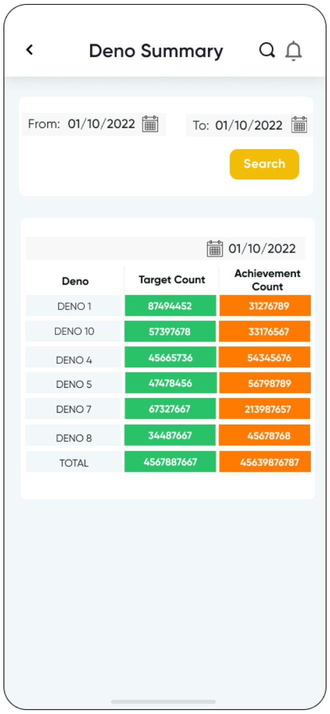
Workflow Description: My Campaign

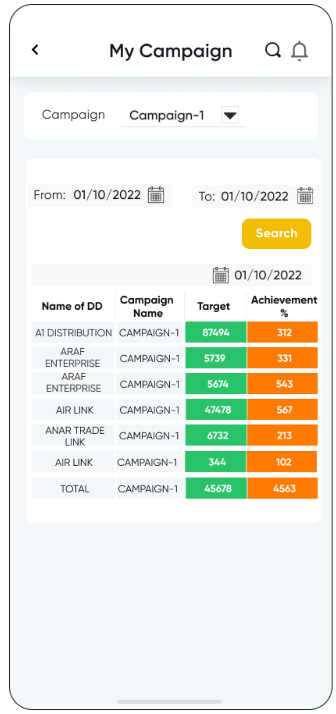
I. Click on Campaign Performance Tab.
II. Select Campaign Name.
III. Select Date.
IV. Report will appear.

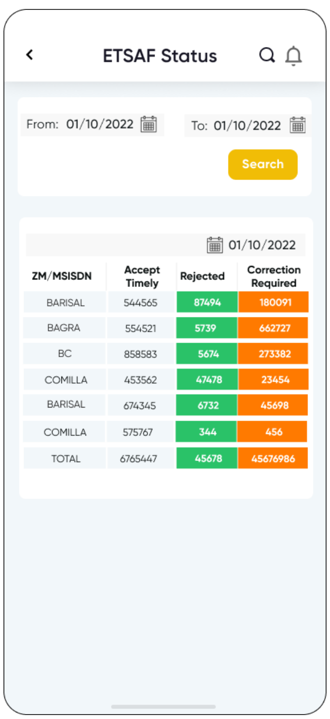
User Interface for App:






Deno Summary
From: 01/10/2022
To: 01/10/2022
Search
01/10/2022
Deno	Target Count	Achievement Count
DENO 1	87494452	31276789
DENO 10	57397678	33176567
DENO 4	45665736	54345676
DENO 5	47478456	56798789
DENO 7	67327667	213987657
DENO 8	34487667	45678768
TOTAL	4567887667	45639876787


My Campaign
Campaign
Campaign-1
From: 01/10/2022
To: 01/10/2022
Search
01/10/2022
Name of DD	Campaign Name	Target	Achievement %
A1 DISTRIBUTION	CAMPAIGN-1	87494	312
ARAF ENTERPRISE	CAMPAIGN-1	5739	331
ARAF ENTERPRISE	CAMPAIGN-1	5674	543
AIR LINK	CAMPAIGN-1	47478	567
ANAR TRADE LINK	CAMPAIGN-1	6732	213
AIR LINK	CAMPAIGN-1	344	102
TOTAL	CAMPAIGN-1	45678	4563


ETSAF Status
From: 01/10/2022
To: 01/10/2022
Search
01/10/2022
ZM/MSISDN	Accept Timely	Rejected	Correction Required
BARISAL	544565	87494	180091
BAGRA	554521	5739	662727
BC	858583	5674	273382
COMILLA	453562	47478	23454
BARISAL	674345	6732	45698
COMILLA	575767	344	456
TOTAL	6765447	45678	45676986


Sales Update
KPI
22-01-2023
ZM/MSISDN	Recharge Amount	Data Sales	GA	ETSAF Reject	ETSAF Accept
BARBAG,03-74673	12987645	467823	4565	543	465
BARBAG,03-74673	12987645	467823	4565	543	465
BARBAG,03-74673	12987645	467823	4565	543	465
BARBAG,03-74673	12987645	467823	4565	543	465
BARBAG,03-74673	12987645	467823	4565	543	465
BARBAG,03-74673	12987645	467823	4565	543	465
BARBAG,03-74673	12987645	467823	4565	543	465
BARBAG,03-74673	12987645	467823	4565	543	465
BARBAG,03-74673	12987645	467823	4565	543	465
BARBAG,03-74673	12987645	467823	4565	543	465
TOTAL	90484749	6723451	23498	2345	9876

Rules/Validations:

I. Deno Drive Individual Report will generate in tabular format.
II. Multiple Pick Deno is/isn't allowed.
III. Future Date can't be selected in pick date range option.
IV. Report can be exported in PDF, XLXS and CSV format.
V. System will ask for choosing download folder.
VI. Date validation: Future Date can be selected, Past Date can't be selected
VII. Date format will be DD: MM: YYYY

4.7 ID-07 (Call Feature)

Users: vFocus Users (Central, Cluster Director, RH, ZM, TO, MDO).

Business Logic: This tab will be used for Call feature on KPI page and BTS report pages.

i. Requirements 7.1 (Currently call feature is available in some pages, but it has required all pages where user number is shown)

Workflow Diagram App: Call Feature

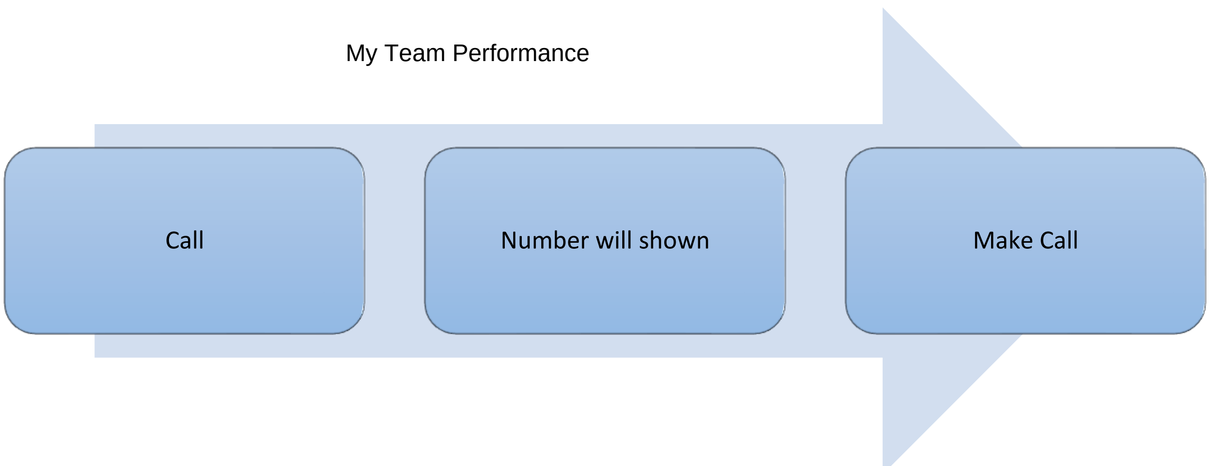


Figure: Call Feature Diagram

Workflow Description:

I. Click on Call button.
II. Number will be shown from contact list.
III. Click a number to make call.

Rules/Validations:

I. System will ask for permission in each time while using this feature.
II. Number can be copied or paste.
III. Only Number and Some special character (+/*/#) is allowed.

4.8 ID-08 (App review)

Users: vFocus Users (Central, Cluster Director, RH, ZM, TO, MDO).

Business Logic: This tab will be used to review and give the feedback.

i. **Requirements 8.1 (User can provide feedback and rating on this app via email)**
ii. **Requirements 8.2 (User can provide crash report/screen shot via email)**

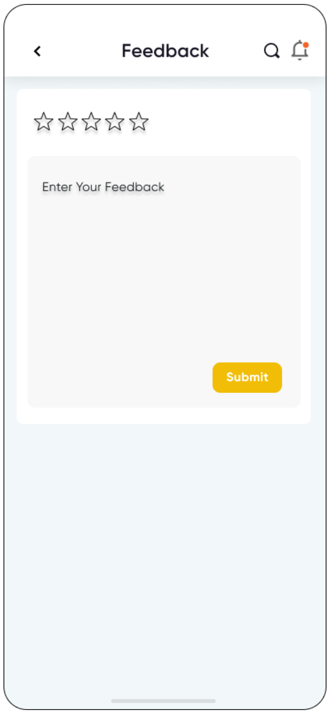
Workflow Diagram App: App Review

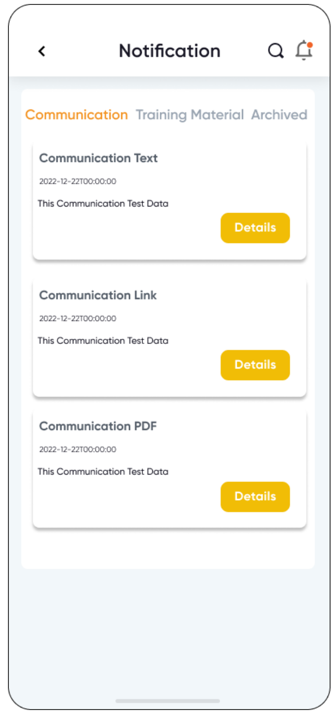
Figure: App Review

Workflow Description:

I. Click on Feedback Tab
II. Enter Feedback and Rating
III. Click on Send Button

User Interface for App:





Rules/Validations:

I. Feedback text character should be 150 characters.
II. System will ask for confirmation before submitting the feedback.
III. Without rating feedback text can't be posted.
IV. Welcome message will be shown after submitting feedback.
V. Feedback can't be edited.

4.9 ID-09 (Automatic Update)

Users: vFocus Users (Central, Cluster Director, RH, ZM, TO, MDO).

Business Logic: This tab will be used for automatic updating the system.

- **i.** **Requirements 9.1 (**Updated App will available internal server**)**
- **ii.** **Requirements 9.2 (**When user try to login, system check the current version with server version, if server version is not current version, system prevent to login and suggest installing the server version app.**)**

Workflow Diagram App: Automatic Update

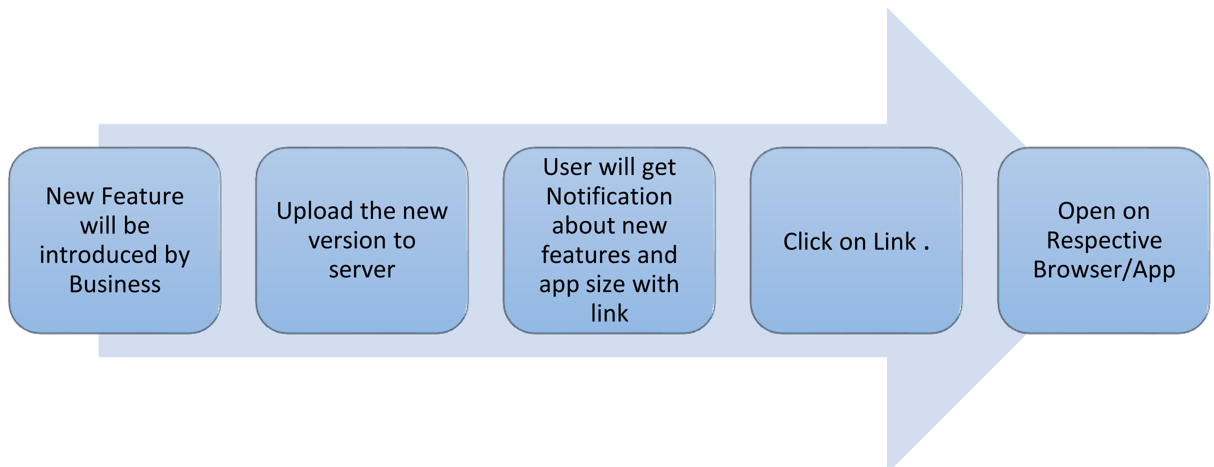


Figure: Automatic Update

Workflow Description:

- i. New Feature will be introduced by Business
- ii. Upload the new version to server.
- iii. User will get Notification about new features and app size along with click.
- iv. After clicking on the link respective app/browser will open.

Rules/Validations:

- i. User can turn on/off auto update mode.

4.10 ID-10 (Link View: call feature on KPI page and BTS report pages)

Users: vFocus Users (Central, Cluster Director, RH, ZM, TO, MDO).

Business Logic: This tab will be used to set link on web portal and it will show in App.

i. Requirements 10.1 (There is an option in web portal to set new link of various URL/Video/Image/Audio/PDF files)
ii. Requirements 10.2 (After adding the link on web portal there will be option to push the notification to each app)
iii. Requirements 10.3 (The notification will show in app automatically)
iv. Requirements 10.4 (After clicking the notification, it will redirect to notification list page where only active links will show)
v. Requirements 10.5 (On list page when user tap any link it open the item on respective browser app)

Workflow Diagram App: Call feature on KPI page and BTS report pages

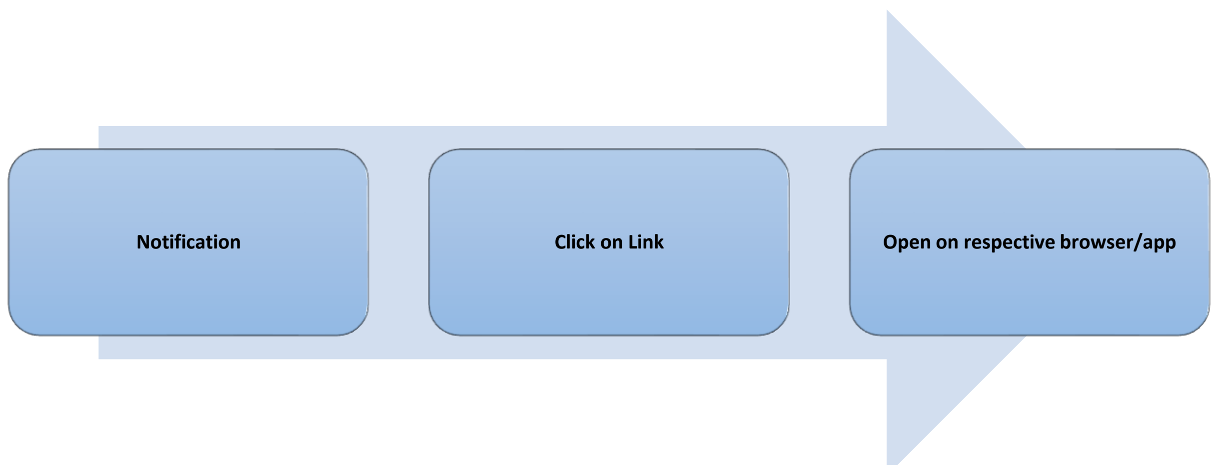


Figure: Call feature on KPI page and BTS report pages

Workflow Description:

i. Click on Link View Tab.
ii. System will appear notification on each app.
iii. Notification will be visible on app.
iv. After clicking on link, it will redirect on respective browser.

Rules/Validations:

i. Calling Button type should be float.
ii. URL/Video/Image/Audio/PDF files should have validity. As example, audio file should not be greater than 10 MB.
iii. Link will open in New Windows/Tab.
iv. Link should have time validity. As example, link will be visible for 10/15 days