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**Survey Campaign Management System**

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- Project has two sides ( Frontend and Backend )

- Frontend is with Android Mobile Application

- Backend is with Web Based Application

- Mobile App will be upload to the Google Play Store

**Description about User Types**

FS = Field Staff / Frontend Interviewer

SA = System Admin / Backend Admin

TL = Team Leader / Backend Team Leader

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**Frontend - Andriod Application**

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1) FS Login

2) FS Forget Password

3) FS Dashboard

3.1) Lastest New for Login FS

3.2) Syncs Data ( Download & Upload ) Overall Synchronisation for all campaigns

4) Survey List

4.1) Create New Survey / Interview

4.2) Survey / Interview List ( Filter By Survey Temlate / By Shop Name )

(Explicit data pushing for Survey)

5) Promotions List (News Feeds)

5.1) Promotion Entry

5.2) Promotion Edit ( By his permissions )

6) Shop List (How to manage data violation and duplication?)

6.1) Shop Entry

6.2) Shop Edit ( By his permissions )

7) Item List (Is it really need for?)

7.1) Item Entry

7.2) Item Edit ( By his permissions )

8) Profile

8.1) Profile Edit & Change Password

9) Logout

**Detail Description**

1) FS Login

FS need to login to use the Frontend Mobile App by using his ID and password.

2) FS Forget Password / Password Reset

If FS forget his password, he can reset by forget password function.

3) FS Dashboard

3.1) Latest New for Login FS

3.2) Syncs Data ( Download & Upload )

After FS login to mobile app, app will reach to the FS Dashboard page.

And it will show the data about the Login FS.

- Latest New for the login FS

- There will be the Syncs function for data ( downloading lastest data from backend server and uploading to backend server ).

Data Syncs process have the deep detail process.

4) Survey List

4.1) Create New Survey / Interview

4.2) Survey / Interview List ( Filter By Survey Template / By Created Date )

Survey List will show all the survey that assigned to the login FS. Survey list has the filter with by Survey Template Name and By Survey Created Date. FS can create a new survey / interview to the shop by choosing one survey / template. While he making survey / interview, he may need to enable GPS at mobile device for the record.

5) Promotions List

5.1) Promotion Entry

5.2) Promotion Edit ( By his permissions )

Promotion is a type of record that created by FS. Promotion List show all created promotions by login FS. Promotion also can be edit by the login FS up to his permissions.

6) Shop List

6.1) Shop Entry

6.2) Shop Edit ( By his permissions )

FS can create a new shop. While he create a new shop, FS may need to put the Geo-location of that shop also. Shop also can be edit by login FS by his permissions.

7) Item List

7.1) Item Entry

7.2) Item Edit ( By his permissions )

FS can create a new item and edit by his permissions. He can view the existing item list also at mobile.

8) Profile

8.1) Profile Edit & Change Password

FS can view and edit his profile at profile page. He can edit his name, email, phone no. etc.

9) Logout

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**Backend - Web Application**

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**SA Login**

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1) SA login, SA Forget Password

2) SA / TL Dashboard

2.1) FS List, Survey List, Shop List Item List Leave it as Open space

3) User List

3.1) User Entry

3.2) User Edit ( Name, Email, Phone, Address, Role, Password )

3.3) User Role ( Pre-defined 3 roles - FS, TL, SA )

3.4) Permissions ( Predifined by the functions list from System )

4) Role Permission List

4.1) Role Permission Assign / Edit

5) Shop List

5.1) Shop Entry (Name,Address,Geolocation,OwnerName,OwnerContact, Images, Type, Size)

5.2) Shop Edit

6) Item Category List (Change as Tag)

6.1) Item Category Entry

6.2) Item Category Edit

7) Item List (Change as Tag)

7.1) Item Entry

7.2) Item Edit

8) Survey Question List (Move under campaign)

8.1) Survey Question Entry

8.2) Survey Question Edit

(Open question which can asking anythting what surveyor want)

9) Survey / Campaign List

9.1) Survery Entry

9.2) Survey Edit

9.3) Clone Campaign

10) Team List

10.1) Team Entry

10.2) Team Edit

11) Team Member List For Survey (Team, Team leader, Team member)

11.1) Team Member Assign

11.2) Team Member Assign Edit

12) Survey Team Assign List

12.1) Survey Team Assign

12.2) Survey Team Assign Edit

12.3) Survey Team Leader Assign

12.4) Survey Team Leader Edit

13) Promotions List (News Feed for events and promotions)

14) New / Notification

14.1) New / Notification Entry

14.2) New / Notification Edit

**Detail Description**

1) SA login, SA Forget Password

To use the backend system, SA need to login by his account. And there is forget password / password reset function.

2) SA Dashboard

2.1) FS List, Survey List, Shop List Item List

After SA login to backend system, it may reach to the SA dashboard page. At SA dashboard page, there will be the FS list, Survey List, Shop List and Item List

3) User List

3.1) User Entry

3.2) User Edit ( Name, Email, Phone, Address, Role, Password )

3.3) User Role ( Predefined 3 roles - FS, TL, SA )

3.4) Permissions ( Predefined by the functions list from System )

For using this system, every user must have his own account and SA can handle all functions about the user.

There are three predefined roles ( SA – system admin, TL – Team Leader, FS – Field Staff ).

SA is the highest level, TL is middle level and FS is the normal level only for frontend usage.

Permissions are the also predefined by the system functions.

4) Role Permission List

4.1) Role Permission Assign / Edit

SA can handle the assignment of role permissions.

5) Shop List

5.1) Shop Entry

5.2) Shop Edit

SA can view all existing shop list and also can create, edit, update shop.

6) Item Category List

6.1) Item Category Entry

6.2) Item Category Edit

SA can view, create, edit and update the item category at backend system.

7) Item List

7.1) Item Entry

7.2) Item Edit

SA can view, create, edit and update the item at backend system.

8) Survey Question List

8.1) Survey Question Entry

8.2) Survey Question Edit

SA can view, create, edit and update the survey questions.

9) Survey / Campaign List

9.1) Survey Entry

9.2) Survey Edit

SA can view, create, edit and update the survey.

10) Team List

10.1) Team Entry

10.2) Team Edit

SA can view, create, edit and update the Team.

11) Team Member List

11.1) Team Member Assign

11.2) Team Member Assign Edit

SA can view, create, edit and update the team member assgin.

12) Survey Team Assign List

12.1) Survey Team Assign

12.2) Survey Team Assign Edit

12.3) Survey Team Leader Assign

12.4) Survey Team Leader Edit

SA can view, create, edit and update the Survey Team assignment and Survey Team Leader Assignment.

13) Promotions List

13.1) Promotion Create

13.2) Promotion Edit

SA can view, create, edit and update the promotions.

14) New / Notification

14.1) New / Notification Entry

14.2) New / Notification Edit

SA can view, create, edit and update the New/ Notifications.

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**TL Login**

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Login and Password change same to SA

1) TA Dashboard

1.1) Assigned Survey List

2) Suervey Answer List

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**Reports**

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- Report with Google Map

- Export ( excel-csv, json, dat )

- Top 10 / 5 by Township / Item

- Product Compare Report

- Staff performance report

- Staff Exception report

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**Backup system**

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