



FEATURELIST FOR MOBILE APP DEVELOPMENT

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Table of Contents

Project Objective.....	2
Feature	3
Technologies to be used to develop the App	3
Cost and Timeline Structure	Error! Bookmark not defined.
Why Brancosoft?.....	11
Our Approach and Process	11
PROCESS.....	11
Management Approach	12
Our Clientele	13
Conclusion.....	14



Project Objective

The objective is to design and develop an Android App for surveys where the mobile app would be used by the site engineers to capture the survey information at different locations. Site engineers will collect the information and submit to the admin, whereas admin can see the details submitted by the site engineer. Project managers can also access the platform and would be able to see different reports like site related report, project report and constituency report.

There are majorly 4 different types of users who would be accessing the features of platform.

1. Site engineers
2. Admin panel
3. Project managers
4. End user

Feature

Site Engineer – App Based (Android App)

The section details out the functionality for the site engineers. Here we have listed out the features that site engineers can access after they login to the application. The site engineers would be able to access the features on the mobile application.

1. Splash Screen

It will be the first screen displayed, when user taps on the app icon from the phone menu. It will display for few seconds and auto-redirect to the next available screen of the app. It will have the logo or name of the app.

2. Account creation

Account for the site engineers would be created by the admin of the website. Admin would be able to enter the details such as name, email, phone number, location or area and can create site engineer's account.

3. Login

On the login screen user would be able to access following functions.

- 3.1. User name
- 3.2. Password
- 3.3. Login button
- 3.4. Forgot password



4. Home Screen

On the home screen site engineer can see the list of surveys assigned to them and they can proceed further to capture the information. Following features would be there.

4.1. Menu

- 4.1.1.Site survey
- 4.1.2.Delivery at site
- 4.1.3.Installation at site

4.2. Pending/Completed projects

User would be able to view pending and completed projects on the app. They can see following information

- 4.2.1.Site ID
- 4.2.2.Site name
- 4.2.3.Assigned date
- 4.2.4.Due date
- 4.2.5.Location

The drafted messages would appear in different color and on top of the pending list.

5. Site survey

5.1. Assigned Site Surveys

- 5.1.1.Site ID
- 5.1.2.Site name
- 5.1.3.Assigned date
- 5.1.4.Due date
- 5.1.5.Location

5.2. View details

5.2.1.User can click on the survey and would be able to see the details. Following information would be there under the survey details section

- 5.2.1.1. Site name
- 5.2.1.2. Location
 - 5.2.1.2.1. Option to get direction

5.2.2.Data collection at site /Survey by site engineer

- 5.2.2.1. Project status
 - 5.2.2.1.1. Work started on / work Progress / Delivery / Installation / Payment / Maintenance
- 5.2.2.2. Take pictures
- 5.2.2.3. Add text details
- 5.2.2.4. Capture geo location
- 5.2.2.5. Upload file



5.2.2.6. Add information

5.2.2.6.1. Date and time of survey – automatically capture date and time stamp.

5.2.2.6.2. Site stakeholder details (RWA Rep, PWD Rep, Delhi Police)

5.2.2.6.2.1. Name

5.2.2.6.2.2. Contact details

5.2.2.6.2.3. Address

5.2.3.Submit

5.2.4.Save draft

5.2.4.1. When saving to draft the site will be saved to pending. Site engineer can view the drafts saved to pending and would be able to continue adding the data from the draft.

5.2.4.2.

6. Delivery at site

6.1. Site information

6.1.1.Enter site id

6.1.2.Select site name

6.2. Material Delivery

6.2.1.List of Items delivered

6.2.1.1. Item name

6.2.1.2. Quantity

6.2.2.Material Delivery Certificate upload

6.2.3.Date & Time of Delivery (which can be appended/added during multiple visits to site)

6.2.4.Invoice Number

6.2.5.Invoice date

6.2.6.Invoice Amount

6.2.7.status

6.2.7.1. Total payment collected

6.2.7.2. Payment due

6.2.7.3. Received percentage

6.2.8.Enter received percentage (will appear only if user has selected percentage received)

6.2.9.Amount received

6.2.10. Date of receipt

6.2.11. Next payment collection date

6.2.12. Remarks (if any).

7. Installation at site

7.1. Installation agency name (autofilled)

7.2. Installation agency ID(autofilled)

7.3. Name of person



- 7.4. Upload installation certificate
- 7.5. Select date
- 7.6. Select time
- 7.7. Payment (i.e. against installation)
- 7.8. Status (e.g. Total Amount, Pending, Due On, Received %age, Date of receipt), remarks (if any).

End User – Web Interface

End user would be able to submit their complaints and queries from web based interface. Following information would be accessible to the user on web interface.

1. Form
 - 1.1. Select type of enquiry
 - 1.1.1.Complaints
 - 1.1.2.Suggestions
 - 1.2. Enter details
 - 1.2.1.Select constituency
 - 1.2.2.Select RWA region
 - 1.2.3.Name
 - 1.2.4.Email
 - 1.2.5.Phone number
 - 1.2.6.Description
 - 1.3. Submit details

Admin – Web based interface

The section details out the functionality for the Admin. Here we have listed out the features that admin can access after they login to the admin panel. Admin would have access to the web based interface.

1. Login

Upon entering the URL admin would be taken to the login page where they would be able to access following features.

- 1.1. User name
- 1.2. Password
- 1.3. Login button
- 1.4. Forgot password

2. Manage Agency

Admin would be able to view and manage agency from the backend admin panel. They would be able to view and manage following information.

- 2.1. Create agency

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- 2.1.1. Agency Id
- 2.1.2. Agency name
- 2.1.3. Description
- 2.1.4. Email
- 2.1.5. Phone number
- 2.1.6. Save
- 2.2. Edit/delete agency
- 2.3. Block/unblock agency
- 2.4. View agency

3. Site Engineer Management

Admin would be able to view and manage site engineers from admin panel. They would be able to view and manage following

3.1. Create site engineer account

- 3.1.1. Name
- 3.1.2. Email
- 3.1.3. Phone number
- 3.1.4. Gender
- 3.1.5. Select agency
- 3.1.6. Save

- 3.1.6.1. Clicking on the save button and a link would be sent to the site engineer to download the app along with the userid and password.

3.2. View

- 3.2.1. Here all the site engineers would be listed.

3.3. Edit

- 3.3.1. Admin can edit the details of site engineer

3.4. Delete

- 3.4.1. Admin can delete the site engineer. Once deleted site engineer would not be able to access the features on the app.

3.5. Block/Unblock

- 3.5.1. Admin can block/unblock site engineer from admin panel.

3.6. Upload site engineers via excel

4. Manage site information

Admin can manually manage site information from the backend admin panel. They would be able to view and manage following information.

4.1. Create Site

4.1.1. Site ID

- 4.1.1.1. This will be a 6 digit code where the first 2 digits represents the constituency ID, the second 2 digit represents the RWA ID, third two digit represents the box ID.

- 4.1.1.1.1. Constituency ID



- 4.1.1.1.2. RWA ID
- 4.1.1.1.3. Box ID
- 4.1.1.1.4. Other details
 - 4.1.1.1.4.1. Site name
 - 4.1.1.1.4.2. Location
 - 4.1.1.1.4.3. GPS coordinates
 - 4.1.1.1.4.3.1. Lat
 - 4.1.1.1.4.3.2. long

4.2. Edit /delete site details

4.3. View sites

- 4.3.1.Site ID
- 4.3.2.Location
- 4.3.3.Site name
- 4.3.4.Option to assign site engineer.
 - 4.3.4.1. Select agency
 - 4.3.4.2. Select site engineer from list.
 - 4.3.4.3. Assign Site

5. Submitted Site Surveys

Admin can see the list of surveys that site engineer has submitted. They would be able to view and manage following information.

5.1. Site survey

- 5.1.1.Site ID
- 5.1.2.Site name
- 5.1.3.Date of creation
- 5.1.4.Assigned to
- 5.1.5.Status
- 5.1.6.Location

5.2. Site Survey details

- 5.2.1.Site ID
- 5.2.2.Site name
- 5.2.3.Date of creation
- 5.2.4.Assigned to
- 5.2.5.Status
- 5.2.6.Project status
- 5.2.7.Location
- 5.2.8.Details submitted by site engineer

6. Manage Enquiries



Admin can see all the enquiries posted by the end users on the application. They would be able to view following.

6.1. Enquiries

6.1.1.Name

6.1.2.Email

6.1.3.Phone number

6.1.4.Description

6.1.5.Constituency

6.1.6.RWA region



Technologies to be used to develop the App

S. No.	Technology Specifications – Details	Details
1.	Programming Language/Framework (API's)	CI
2.	Android	Java
3.	Database	Mysql
4.	Client Scripting	AJAX, JavaScript,JQuery



Why BrancoSoft?

BrancoSoft combines strategic thinking and emerging technologies to provide innovative solutions that consistently break new ground. We deliver high-quality work through our focus on bidirectional communication, responsive customer service, client education, accurate project management, product quality, and an ethical approach to business. We have a well-documented track record of performing work on budget and on deadline.

Our Approach and Process

We approach each project as a true collaboration in ideation - the process of creating new Ideas. We offer our expertise and guidance whenever needed to ensure that the entire process is as smooth and enjoyable as possible. Our commitment to quality is with you from concept through to post-implementation support so you can sleep well both during and after the development process.

We believe the ideation process begins the moment we connect with our clients. Our goal is to provide strategies and solutions that go beyond the expected. To make sure we deliver, we embrace the ideation process. Through this process listen hard to our customer's goals (and then listen again).

PROCESS

Discovery

We work with clients to understand their business and we merge their initial concept with everything the BrancoSoft team knows about mobile. We'll assess the possible challenges and identify the ways to overcome them.

Features & Architecture

We establish what features go into the product and how they will work together. Here, we're drafting a skeletal framework for the app in the form of wireframes.

Design

When it comes to first impressions, it's all about design. We'll put our passion for good design to work and based on approved wireframes we'll design all screens.



Development

The development process is broken down into sprints based on feature sets. Our agile-based development process will allow you to regularly review and assess what we're building.

Quality Assurance

Our Quality Assurance team will test the app after each development sprint and once all major functionality is implemented, we'll prepare a Beta Build.

Launch

After passing the Beta Build through a final round of QA and refinements, we'll have in our hands a Release Candidate Build. We can either host your website, submit the app to the App Stores or provide you with everything you need to do it yourself.

Maintenance

We provide our clients with a 3 months bug fixing period, free of charge, and maintenance packages that cover everything from small updates all the way to whole new versions.

Management Approach

We approach each client engagement using a documented set of policies, processes, and procedures. Each client is assigned a project manager who acts as the primary point of contact for your organization. This project manager guides the project team through the development process to ensure timely and high-quality completion.

The Brancosoft team uses a comprehensive set of checklists, tasks and procedures that are tailored to each client. Our approach also includes co-location of all team members to encourage collaboration. In addition, daily project status meeting are held that focus on answering three questions:

1. What have you done since yesterday?
2. What are you planning to do today?
3. Do you have any problems preventing you from accomplishing the goal?

This transparency and daily review of progress mitigates risk and ensures that close management of the project occurs at every stage. Behind the scenes the project manager coordinates with the executive team to ensure service quality.

B.

Our Clientele



ChadHawkins.com



paytm

dollar.



yes
we are point of sale



Conclusion

We would like to thank you for giving us the opportunity to work on your project. If you agree and wish to accept this feature list, please sign in the designated area of this document, initial each page and return it to us.

By signing up this document, you agree to abide with the project scope defined above and not to disclose the stated information to third parties. If you have questions or comments about this document, please feel free to contact us.

We look forward to start this project and adding value to your online business model.

Sincerely,
Maan Singh

We, _____ accept the project scope defined in the feature list.

Signed: _____

Name: _____

Title: _____

Date: _____