

Version 1.0

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1. Overview

Requirement is to develop a new hybrid mobile application for condo.

2. Jargon

2.1 Free Mobile App Basic Features (Free with Ads)

The App should have the following listed features

- a) Must be very light weight and fast app
- b) Must support Android versions starting from Kitkat
- c) Condo app will perform
 - a. Reservation system
 - b. Reporting maintenance
 - c. Visitor Management
 - d. Maintenance payment
 - e. Makes a Backup of the SMOPTIMIZER config file
 - f. Takes control of charging once the power is connected
- d) Supports English Language alone

2.2 Condo App Features (Pro with No Ads)

The App should have the following listed features

- a) User Registration and login.
- b) Tenant / Owner can report a maintenance complaint.
- c) Owner can pay maintenance fee.
- d) Tenant / Owner can reserve resources (using reservation system).
- e) Condo management can send notifications to all or targeted group or individual.
- f) Condo Management can deactivate Owners / Tenants.

3. Proposed System

A hybrid mobile application for condo owners / Tenants. Admin dashboard for Condo management. A super admin dashboard.

4. UI & UX Ideas

TAYA Tech will submit the designs soon after the mocks are provided by the client. 3 iterations of Design will take place for client review.

5. Technology Stack

Phone gap /codename one, java script , HTML, CSS, Java script libraries.
PHP, PHP web services, Apache web server.

6. Effort Estimates

6.1)Mobile App

SNO	Features	Total Man hours
1	Login with face book	982
2	Login	
3	Unique generation	
4	dashboard	
5	notifications	
6	Group management	
a	group creation	
b	Join/ un join group	
7	Reservation system	
8	Classifieds	
9	payment gateway integration	
10	Maintenance reporting	
11	push notifications	
12	Duress call	
13	Security features	
14	Management dashboard	
15	white labeling	
16	QA	
17	Web Services	

6.2) Management and Admin Dash Board

SNO	Features	Total Man hours
	Management Dash Board	688
1	Pending notifications/approvals required	
2	View/edit/freeze/unfreeze user accounts and settings	
3	Push notifications by location(geo-push), by block, by floor, by user , by outstanding maintenance fees etc.	
4	Analytics	
5	Allow management to block access to app if user doesn't pay maintenance fees	
6	Able to export all reports in excel/pdf form	
7	Resource Configurations	
	Admin Dash Board	
1	List of condos active	
2	Ability to deactivate/activate condo	
3	Ad management	
4	Login ability to each and every management (condo) dashboard.	
5	Infrastructure Set Up	
6	QA	

7. Costing

Description	Total Hours	USD / Hour	Total Costing in (USD)
Design	64	11	704
SAD	80	12	960
DB Schema	160	12	1920
Environment Setup	36	12	432
Web App Development	320	12	3840
Mobile App development	600	12	7200
Testing	208	12	2496
Project Management	202	18	3636
Total	1670		21188

8. Assumptions

- All the design Mock Ups will be provided by Client.
- TAYA will provide the design layouts based on the mocks.
- Test Data to release BETA TESTING Apps will be provided by Client, if any.
- Error Handling Messages will be provided by Client, if any.
- Client will attend/answer any kind of issues/clarifications raised by the development team. during the execution of project at the earliest. The delay of which may impact the delivery deadlines.

Approved By : Ram Swaroop R
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Note:

- 1) For any kind of queries, Please feel free to reach us at the above mentioned contacts only.
- 2) Looking forward for a long term relation with you and awaiting for the approval to start the work with immediate effect.
- 3) This project can be done in 480 hours which comes to 3 months approximately.
- 4) The project will require three or more Resource for the delivery..