Baron  
A user-friendly property management software

Introduction  
Nowadays, real-estates are everywhere and available widely. They are considered the most important asset viewed from the Asian culture, that can provide prosperity, solidarity, and a foundation for generational habitation. My family luckily owned a few properties in Ho Chi Minh city, and the many obstacles of managing a property, especially a complex, stack up overtime.  
  
The purpose of this paper is to introduce the initial concept for a software model that can achieve the following outcomes:

* User-friendly: One of the most important aspect of the software must be user-friendly, across generations, as many property owners are from previous generation with limited knowledge on complex management system. For the first version of Baron, the focus is to design a user-friendly website.
* Extensive features: it must includes modern and almost all features that will be listed in the next section. It must not compromises the friendliness of the UI/UX listed above
* Well-integrated API: the app should be well-integrated with third party API for scalability.
* Interface for both tenants and the landlord: the app can be used by both parties. Basically there will be an admin-system where landlord can control what the tenant can see on the app.
* Cloud-storage: documents, pictures, schemas, can be stored on the web-page.
* Low-cost: the app should be free, or competitively priced.

## List of features

1. Homepage
2. Explanation/Instructions of features
3. Policies

Homepage

Initial contents of the homepage:

|  |  |  |
| --- | --- | --- |
| **Section** | **Element** | **Description** |
| **Header** | Horizontal direction | |
| Logo | [Logo of the software] |
| Title | Baron |
| Social Medias links | Icon of social media associated with the page |
| Search bar | Search for information around the app |
|  |  |
| **Navigation Menu** | Only show icons. Expand when hover over | |
| Property status | A graphic representation of all the current room, e.g: vacant room appear red, room with bad surveys show a warning, booked room show green |
| Surveillance | Security camera |
| Revenue | Revenue/Income report |
| Contact | Hotline and the host info |
| Terms/Conditions | Property rules |
| Parking | Register vehicle number |
| Additional service | Cleaning, maintenance, security |
| Users Settings | In the Header section | |
| User Profile | Profile Picture and user Name |
| Dark/Light Mode | Dark mode |
| Setting | App setting |
| Tools/Utilities | Not yet think of | |
| Console | Additional information for the content of the homepage | |
| Content of the Homepage | Main content of the homepage. Can be clicked right or left to alternate navigation menu | |
| Footer | Credits information e.g: who created the page, logo etc | |

Explanation/Instructions of features