

Problem Definition Document

Project Title: Humble Abode

-have a comfortable home

1. Preface

Though our country is being digitalized rapidly, people still has to roam around from area to area in search of their perfect home that will match their standards, budget and location of interest. Hence, a well-organized and dynamic system to find one's perfect home which users can access through their mobile phone has become extremely important.

This Project Definition Document provides a brief overview of the android app Humble Abode to promote a shared understanding of it before a more detailed plan, schedule, and budget is prepared. It will prevent any misunderstanding that is possible to happen between the project developers and the client.

This document consists of 7 sections. Section 2 describes the problems found precisely. Section 3 states the objectives of the project. Section 4 presents some preliminary solutions. Section 5 gives the possible project boundary. Section 6 illustrates the importance of a feasibility study and the estimation of cost and time required to conduct it. And finally, section 7 concludes the document.

2. Problem Statement

When people want to rent or buy a house, it becomes a critical problem to make the time for house hunting from there busy life. Because finding a house is very time consuming and tiring. Even sometimes if they are lucky enough to find their desired houses but their budget fails. Again if they get a proper house within their budget, they face difficulties in moving their furniture and household things like finding skilled people to move things safely. Sometimes they want to design the house as their own taste but they become confused in finding an expert interior designer.

3. Project Objectives

- To help one find a house for rent and buy according to their budgets and needs.
- To help the landlords/owner giving rent or selling a house with necessary information.
- To help those people who want stay at one place for a few days and want to book a comfortable boarding/hotel room.
- Providing transport and skilled labour for shifting to a new house.
- Providing interior design expert and all the accessories in one app.
- Providing special house cleaning service.

4. Preliminary Solution

In this digital world where everyone uses smart phones. 'Humble Abode'- a mobile application, will help people to solve one of their critical problems of searching a new house.

There will be categories of family, mess (male/female), sublet, hostel and boarding. Owners can post add of their respective category with proper description and contact information(mobile no and email ID). People, only who have a registered ID in the application, can post add.

There will be the contact information of moving and cleaning service providers. There will be profile of interior designers. Also, it will provide website of furniture and accessories.

5. Project Scope

The project has a great future scope. 'Humble Abode' – an android application, will help people to find a comfortable home. The people of urban area will have a great use of it. It will be secured because it will have register and login option for all post adders and service providers so that any unauthorized users cannot use their account.

The estimated project cost would not exceed 2,00,000 taka. This estimation includes all development costs such as system cost for Server, OS, workstations etc., personnel cost for the developers, designers and all the other members, database management cost, marketing cost and administrative cost. The systems main programming language will be JAVA. This will be a web based application. The estimated required time to complete this project successfully is minimum 5 months.

6. Feasibility Study

A feasibility study is very important to take place before committing to a project and settling with a client. It is done by an analyst in order to check if the project is legally and technically feasible and also if it is economically justifiable. It ensures whether a project is worth the investment. In this project, the estimated cost for a feasibility study is 12,000 taka and estimated time required to conduct the study is 1 week.

7. Conclusion

This document gives precise insights about the project objectives, scopes as well as the possible costs. This will create a reference point throughout the project for both the project building team and the client and thus it will prevent any possible confusion between both parties.