

## Business location finder

Samrudhi Manghate\*, Priyanka Dudhe, Ayushi Deoras

**Correspondence Address:** \*Samrudhi Manghate.

### Abstract

Finding a location for establishing an ATM center in a particular area which will augment & aid the business prosperity of different commercial houses, likewise finding a location for hording advertisement site that will enhance business of the company by way of maximum visibility of advertisement, reach to maximum & prospective customers will also help greatly to business enhancement. Also establishment or erection of mobile towers on privately owned properties at a particularly favorable location will help in enhance single strength & thus business prosperity of the telecom companies.

In all the above three propositions Finding Location is of great importance. To physically do the survey & looking/searching for suitable sites for business location is cumbersome & tedious job for the business houses, which prefer to outsource this activity to any third party.

This project is all about surveying, finding & maintaining the records of business location sites for above mentioned three purposes & presenting them to prospective customers in lieu of nominal service charges. The project aims at the overall management of the Space for ATM, Hording and Towers Sites maintenance of all records. It includes Insert, Updating and maintenance of the Sites as per requirement & presenting them on an online system. The project includes appointment & record maintenance of different marketing executives, appointed through different franchises, who will carry out detail survey work in their defined region, appointment of city & region-wise co-coordinators who will look after their own region management etc.

**Keywords:** Business, Location, Finder

### Introduction

The world is highly dependent on the Internet .It is considered as main infrastructure of the global information society. Hence internet plays very vital role in the socio-economic growth of the computer society. Availability of internet and its services makes you available information, security controls in the accessible and operational form. With the rapidly increasing use of social media like

Facebook, Twitter, LinkedIn, and Instagram, business organizations are now moving towards adapting this technology to drive business advantages.

This project is all about surveying, finding & maintaining the records of business location sites for ATM, hording advertisement and mobile towers, & presenting them to prospective customers. The project aims at the overall management of the Space. It includes

Insert, Updating and maintenance of the Sites as per requirement & presenting them on an online system.

Finding a location for establishing an ATM center in a particular area which will augment & aid the business prosperity of different commercial houses, likewise finding a location for hording advertisement site that will enhance business of the company by way of maximum visibility of advertisement, reach to maximum & prospective customers will also help greatly to business enhancement. Also establishment or erection of mobile towers on privately owned properties at a particularly favorable location will help in enhance single strength & thus business prosperity of the telecom companies.

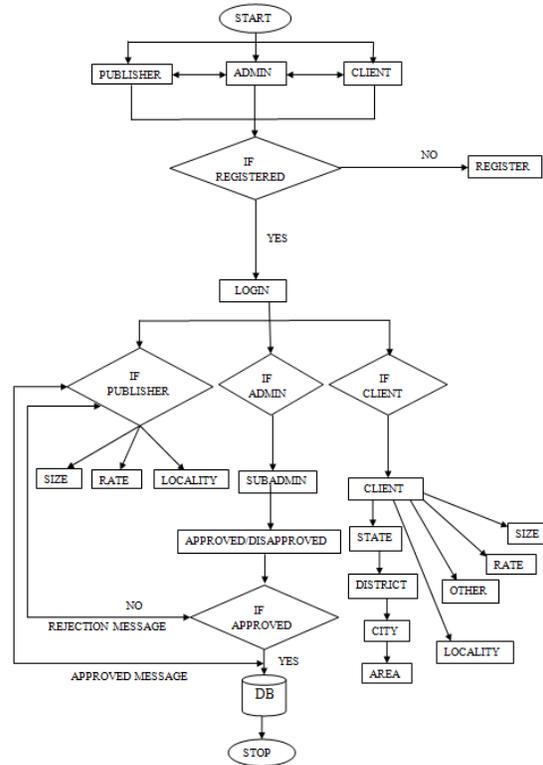
**Background and motivation**

Web applications require a comprehensive approach that embraces many aspects, including technical, organizational, and legal/philosophical dimensions. Hence, information processing methods, techniques, and tools have been extended to support development of applications of this kind, e.g., Object Oriented Web Solutions. Conceptual modeling methods have been used to abstractly describe requirements for software development processes for the Web; for example, use cases and scenarios are applied to model functional requirements.

**Objective**

Finding a proper location as per the requirement of the customers is important. To physically do the survey & looking/searching for suitable sites for business location is cumbersome & tedious job for the business houses, which prefer to outsource this activity to any third party.

**Flow diagram**



**Figure 1.**

**Algorithm**

1. START
2. If you are an existing user LOGIN, if not first Register and then LOGIN.
3.
  - (a) After Login if he is a PUBLISHER he will describe land size, land rate and locality of that land.
  - (b) If he is a CLIENT he will give his requirements i.e. in which area of the city in which city of the district and in which district of the state he wants to buy a land.
  - (c) If he is an ADMIN he will be the source of communication between the client and the publisher, he will also co-ordinate with other Sub-Admins (state admin, district admin, city admin).
4. If the client is interested in buying that land he will communicate with the ADMIN.

5. If the Admin feels that the land is not appropriate for the client he will reject the land and a 'Rejection Message' will be give to the PUBLISHER. Similarly if the admin feels that the land totally fulfill all the requirements of the client he will approve the land and an 'Approval Message' will be given to the PUBLISHER.
6. If the land has been approved by the ADMIN the information will be updated in the database.
7. STOP.

### **Modules**

This project is mainly divided into following main modules:

#### **1) Admin module**

Admin module is mainly responsible for adding different business locations on the portal, which are then viewed by different prospective clients. All the activities regarding record maintenance of site details like size of location, expected rent, period or duration let-out etc. are done here. User registration, user record maintenance is also managed in this module .This module is further subdivided into following sub modules:--

##### **A) Admin user**

"Admin" user will be overall Administrator & in charge of this portal with 100% user rights. He will carry out different functionalities like user request management, site location addition, deletion, approval, appointment of regional & sub-regional or city coordinators, approval of appointments of marketing executives etc

##### **B) Regional coordinators**

Regional coordinators are responsible for appointment of city coordinators, their Management & management of site locations falling under their region.

##### **C) City coordinators**

City coordinators are responsible for appointment of marketing executives under them, who will carry out market research for finding locations in their cities & amp; their management & amp; management of site locations falling under their jurisdiction.

##### **D) Marketing executives-**

They are the on field executives who will search & amp; add business sites on the portal with all their details & amp; relevant photographs.

#### **2) Publisher module**

The mediator between admin module and client module is nothing but the publisher module. It works as an admin module as well as client module. The publisher module must access all information related to admin module viz., storage accessibility, network issues, contact information etc., it may also works as client module that the client needed information must be requested in particular website.

#### **3) Client module**

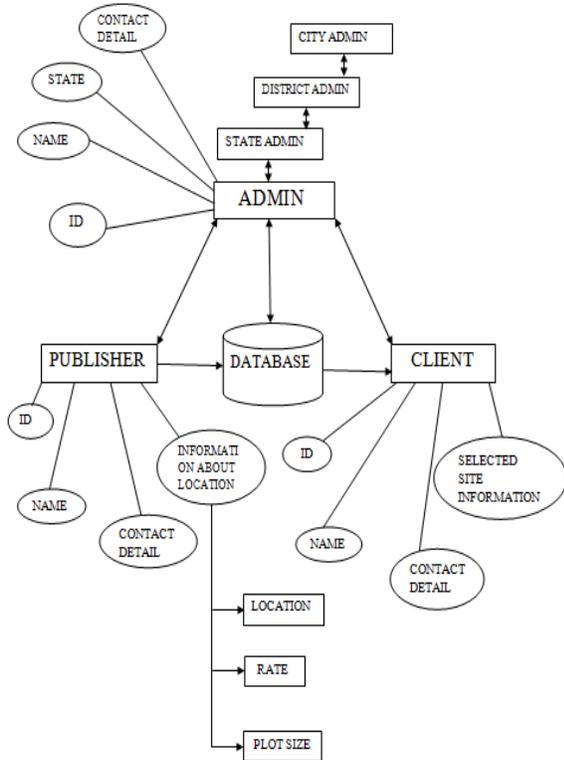
It is the main client end display region of the portal. It will contain all the features that will allow users to see & amp; search available business locations category wise, facility to express interest in a particular site, user registration facility along with general information about nature & amp; terms of business, Faq's & amp; other static contents.

#### **Future Scope**

This can be enhance by providing inbuilt security at primary level for large scale application which contains payment issues similarly by extending it we can secure our web application by protecting it from other web attacks. We can also provide

protection against Blind SQL attack by moving in the depth of the same.

**ER DIAGRAM**



**Figure 2.**

**Applications**

- This application will be used in confirming the location for ATM machines, hording advertisement and mobile towers.
- Location for business application services may be employed in a number of applications this includes Recommending social events in a city, Requesting the nearest business or service such as an ATM, Restaurants or a retail store, Turn by turn navigation to any address, Location based advertising.
- Using a location based application, companies have reduced fuel costs, reduced overtime expenses, eliminate manual process and reduce paper work.
- Can also be used in cable provider agents, dish service provider or cable operator.

**Conclusion**

According to the requirements of the customer a proper location will suggested for ATM, Hording Advertisement and Mobile Towers. Once the customer finds a proper location according to his requirements he can confirm that location via mail or any contact information available. A good communication and collaboration strategy can save money as well as time.