



## BRIDGER

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**Abstract:** The main aim of the project is to provide utility to maintain day to day operations of apartments. This software helps them to store all transactions electronically in a system, which in turn saves time, money and energy. This Bridger System is developed for a construction company in the city. This company built many apartments in this city and they have a plan to construct many other apartments in the city. The company is constructing many apartments every year, now it is terrified to manage all the data manually, also if some information is required urgently then to obtain this is very difficult. To solve this problem now they are looking for better alternative solution.

**Keywords:** Databases, Programming.

### 1. INTRODUCTION

This “Bridger System” is developed using VS.NET as front end and SQL Server as backend. The data will be furnished in data grid for admin information retrieval. The main aim of the project is to enable communication between two end parties mainly Customer and Builder. The main aim of this project is to computerize all the manual work in to a systematic process along with a specific database. Generally, after the construction of the apartment, apartments will be ready to sale. This is the crucial time for the people who manage the apartment booking and advance payment. There may be chances for wrong commitment and over booking for the apartments. In case of the customer is ready to buy a flat, advance amount should be paid by the customer. At the time of advance, the corresponding flat will be booked in the customer’s name along with the flat number. After paying the entire amount, the transaction will be getting finalized and flat will be delivered to the customer. In case a customer books a flat, and another customer also requesting for the same flat then system should not allow the new

customer to book that flat. If the booking is canceled then the new customer can book that flat.

### 2. LITERATURE SURVEY:

#### 2.1 EXISTING SYSTEM:

The current framework is brimming with manual process. All reserving are done through paper works. Manual framework keeps up the predetermined number of exchanges and putting away the information's is exceptionally troublesome. The current framework is discovered tedious and complex strategy. It is hard to get the points of interest of the considerable number of particulars. Heaps of printed material is included and human endeavors are required in the manual framework. Record stockpiling is unpredictable. This framework is tedious and unsafe.

#### DISADVANTAGE OF EXISTING SYSTEM

- All booking done through manual process.
- Need more paper works
- More disarray will happen amid the season of booking, one level may book for two more people
- Calculating the accessible pads are monotonous and scorns
- More manual works in cash figuring and getting the adjust installments
- All offices can't ready to clarify through manual works.

#### 2.2 PROPOSED SYSTEM

The principle target of the proposed framework is to decrease tedious and make the framework more easy to understand, proficient, precise and quick preparing. It decreases the manual work and disarray happening by looking after records. The subtle elements of the exchange are added to the table naturally. The proposed framework offices the administrator to limit the work stack. More offices can be included future if necessary.

**ADVANTAGE OF PROPOSED SYSTEM**

- All booking done through precise process, so there is no requirement for manual works
- All information can be seen unmistakably by administrator
- confusion won't happen amid the season of booking, once a level was reserved it can be deal to someone else
- Calculating the accessible pads are considerably less demanding
- There won't be any manual works in cash computation and getting the adjust installments
- Facilities points of interest can be disclosed to the clients effortlessly through demonstrating the information figuring's.

**3. MODULES DESCRIPTION:**

The modules of the Bridger System are divided into following categories

1. Centralizing the data
2. Customer Registration
3. Booking a flat
4. Confirm registration
5. Transaction reports

**Centralizing the data:**

This is the underlying module of this undertaking. Here all the condo based data will be made as an informational index and transferred in the server. This is on the grounds that from this data just every one of the exchanges should be possible. All the data like accessibility of 1 BHK, 2 BHK, 3 BHK and indicated offices for these pads. This procedure will be finished by the administrator of this application from the front end. All the data will be refreshed in the database.

**Customer Registration:**

In the wake of incorporating all the data in the information base, next process is client enlistment. Here a wide range of clients like enquiry clients, going to clients, booking clients are spared in the information base. This is on the grounds that the enquiry client may change over as a booking client is instance of he is intrigued to buy a level. Going by clients subtle elements too included the database, this is for going to clients may allude to general society individuals.

**Booking a flat:**

This is the imperative module in this undertaking. Here we are having two sorts of data like accessibility of the level points of interest and client subtle elements. With the goal that booking can be made straightforward. If there should be an occurrence of a client will book a level means, first the accessibility of the level will be checked by the administrator. Next that level was reserving in the client's name and client needs to pay progress for the booking. Since level is for the specific client as it were. If there should arise an occurrence of that level was asking for by another client implies, framework won't enable the new client to book a current client's level even the current client briefly reserved.

**Confirm Registration:**

In the wake of booking a level one impermanent ID number will be created for the client. With the id number all the data of the client can be gotten out like booked level number, Number of rooms, stopping offices and so forth. After the finishing of installment, the impermanent ID will be made changeless for the client. Presently the client is completely claimed the level. He having the rights to involve the level now or he can ready to deal once more.

**Transaction Reports:**

This is the last module of this task. All the exchange information will be accessible in report design. This module contains all the booked level points of interest, accessibility subtle elements, progress booked installment points of interest, completely reserved installment points of interest, accounts subtle elements and so on. Administrator can see all the completely outfitted points of interest as an information report and he can take print out from the reports.

**4. SOFTWARE REQUIRMENT SPECIFICATION****4.1 HARDWARE SPECIFICATION**

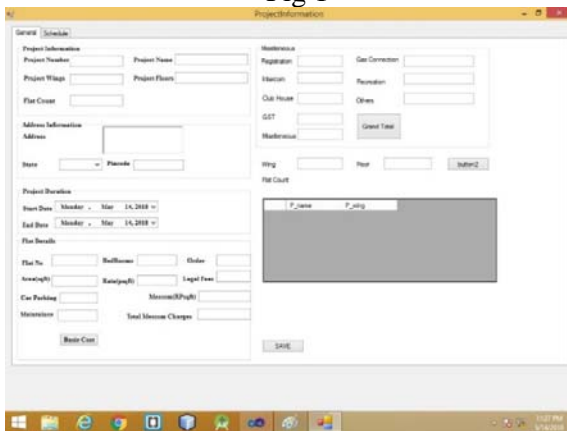
PROCESSOR	: Intel Pentium Core i3
RAM	: 512 MB RAM
HARD DISK DRIVE	: 160 GB
MONITOR	: 15.6 LCD Display
KEYBOARD	: Multimedia Keyboard 108 Keys

MOUSE : Logitech Optical Mouse

**4.2 SOFTWARE CONFIGURATION**  
 FRONTEND : VS.NET 2010  
 LANGUAGES : C#  
 BACK END : SQL SERVER 2008  
 OPERATING SYSTEMS : Microsoft windows 10  
 DOCUMENTATION : Microsoft word2013.

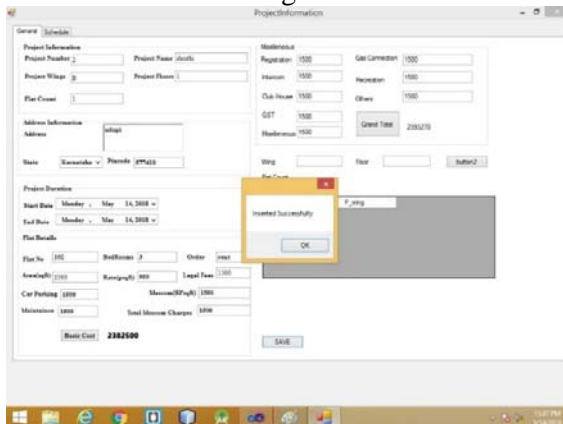
**5. RESULT AND DISCUSSION:**  
**5.1.Flat Creation Model:**

Fig 1



In this model points of interest of the level ought to be entered in this frame. Distinctive fields like undertaking name, wing, floor, check, area(sqft), rate(sqtf), stopping charges, enlistment charges, GST and so forth.

Fig 2

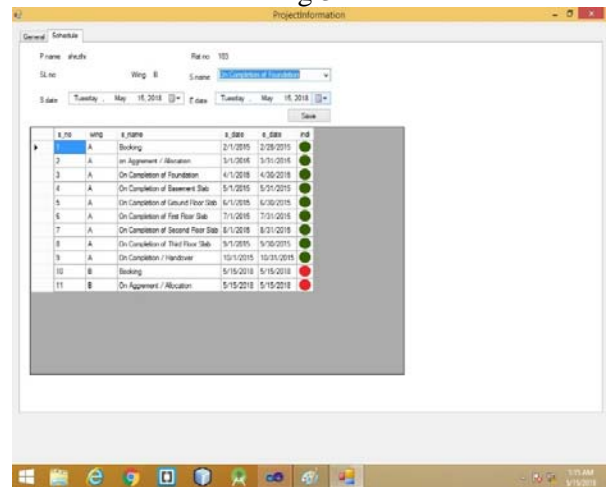


In this model when we entered the level points of interest like level no, floor subtle elements, wing subtle elements, address subtle elements and so

on and distinctive charges like auto stopping, upkeep, club house, enlistment, gas association, amusement and so forth it will be put away in the database.

**5.2.Slab Creation Model**

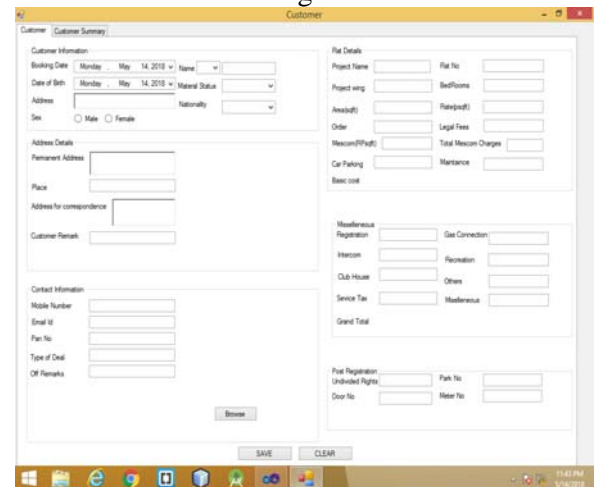
Fig 3



For each level creation administrator will make section points of interest like venture name, level no, wing, piece name, beginning and consummation date and so forth while making chunk default it demonstrates red pointer before the each piece.

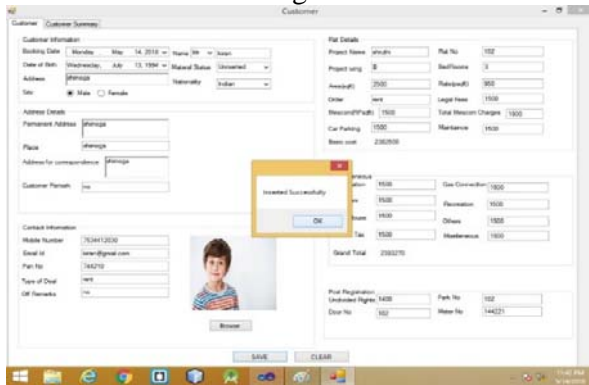
**5.3.Customer Registration Model**

Fig 4



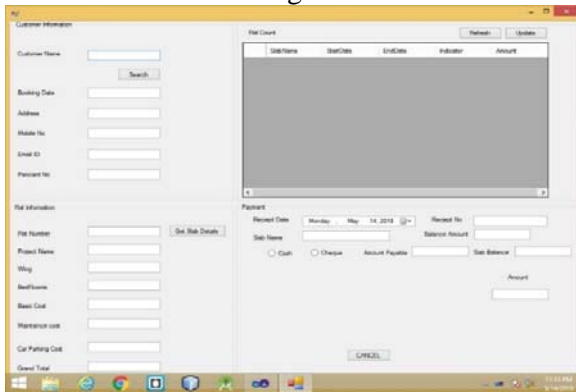
In this shape we need to enter client points of interest and in addition level subtle elements. Client subtle elements like name, address, telephone no, email id, container no, and visa estimate photograph ought to be transferred. When we enter level no subtle elements of level Is brought from database and showed in regarded textboxes. These data will be store in client related table in database.

Fig 5



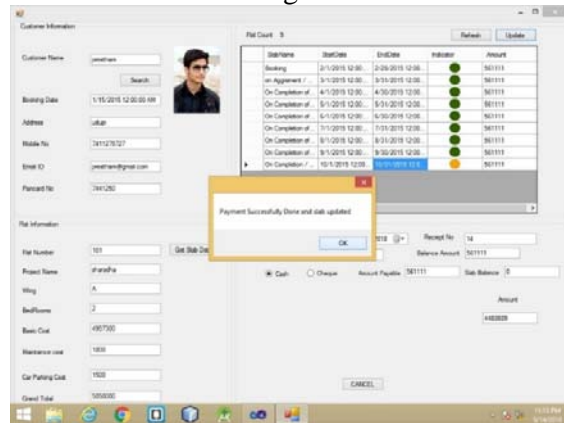
In this model client subtle elements is recorded like client name, address, telephone no, email points of interest, skilket subtle elements and in addition level related subtle elements like level no, constructor points of interest, address, amazing aggregate a level and so forth.

Fig 6



In this model we need to enter client name and we need to squeeze seek catch if records discovered client points of interest, level subtle elements and piece subtle elements will be shown.

Fig 7

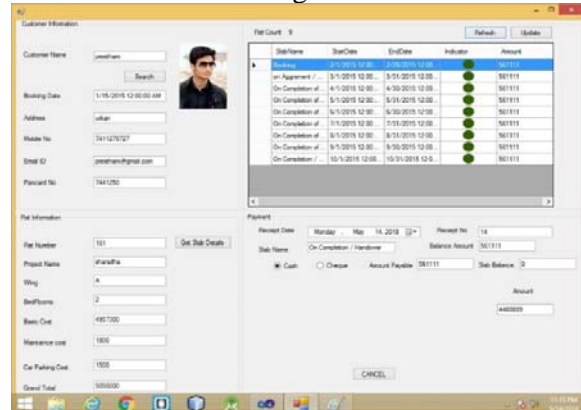


In this frame administrator will refresh the chunk subtle elements. In the event that the client is

paying portion of the measure of the specific piece the pointer will change to yellow from red. In the event that the client is paying entire measure of the specific piece the pointer is changing to green.

In this frame when we click specific piece the points of interest of the section will be shown in separate textboxes with receipt no.

Fig 8



In this model installment points of interest is recorded and piece subtle elements as well. This model comprise of all reserving points of interest of level like client subtle elements, level points of interest, piece points of interest and receipt points of interest and so on.

**6. CONCLUSION:**

This undertaking is generally easy to comprehend and execute. It satisfies all the present prerequisites of development organizations. The framework is extremely easy to understand; a man with essential PC abilities can without much of a stretch utilize the framework.

New highlights and modules can be included into the framework according to client necessity. The undertaking is exceptionally adaptable in that perspective. It is sparing too over the long haul, requiring less labor and cash.

**7. REFERENCES:**

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