

## **INTRODUCTION**

‘Construction PLUS’ is a website; we used J2EE as frontend and MYSQL as backend. In which we can get online help of the designers, engineers and Vaasthu experts for the construction of our new houses or buildings etc... In this site we will get the list of contractors, engineers and hardware dealers in our locality. There is a form for entering our ideas or concepts like three bed rooms and facilities which we want for our home or our offices and we will get an estimate to our plan from different engineers. A user can register in this site and if he is a premium user he can view and download different plans for the house or similar constructions. We get the plan and estimate through email. We can apply for the hard copy also. There is a opportunity to contact the desired engineers as per our budget.

There is an option for get the help from the Vaasthu experts. We will get information through email about the exhibitions. There is a facility to buy or sell properties like home; lands etc. user can also view the list of rental and buyable properties. There is an option for premium account users to contact the mediators or owners of the properties. Users can also give the advertisements of their properties.

There is a chance to view and check the cost of the building materials like marbles, cements, bricks, etc and also user can check the dealers of the building materials and articles from the famous engineers and Vaasthu experts.

There is an option to post the jobs and users can also view and contact the right peoples for each works. There will be a detailed list of employees for each work.

## **EXISTING SYSTEM**

In the existing system mostly there are sell & purchase building and sell & purchase plot & rent options.

### **PROBLEMS WITH EXISTING SYSTEM**

- Lack of security of data.
- More man power.
- Time consuming.
- Consumes large volume of pare work.
- Needs manual calculations.
- No direct role for the higher officials.
- Damage of machines due to lack of attention.

To avoid all these limitations and make the working more accurately the system needs to be computerized.

## **PROPOSED SYSTEM**

The aim of proposed system is to develop a system of improved facilities. In this system the features are new construction, interior designing, Vaasthu sashtra, advertisements, sell & purchase building etc..

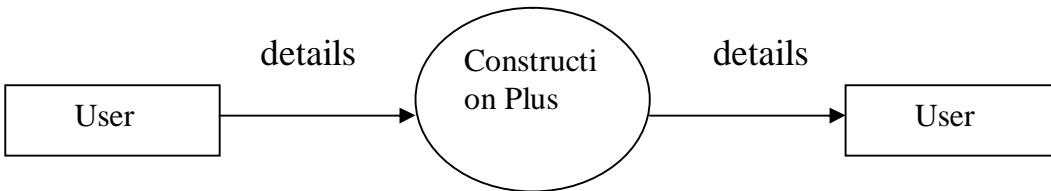
### **ADVANTAGES OF THE PROPOSED SYSTEM**

The system is very simple in design and to implement. The system requires very low system resources and the system will work in almost all configurations. It has got following features

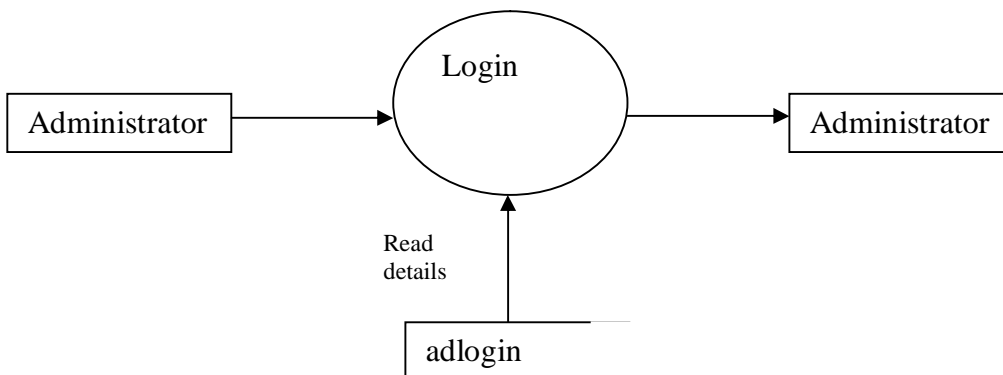
- Ensure data accuracy's.
- Proper control of the higher officials.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better service.
- User friendliness and interactive.
- Minimum time required.

## DATA FLOW DIAGRAMS

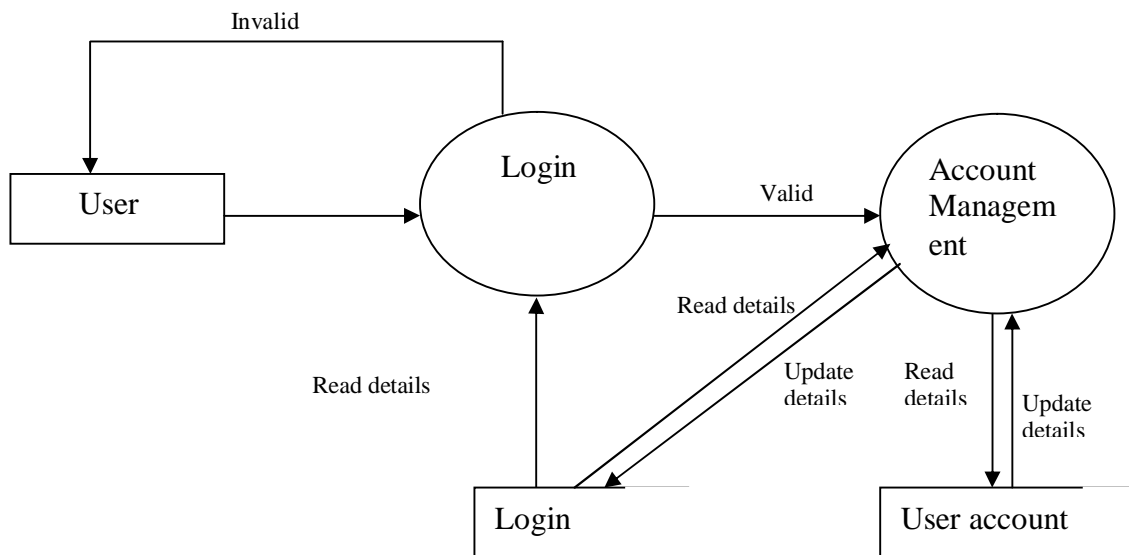
### Context Level



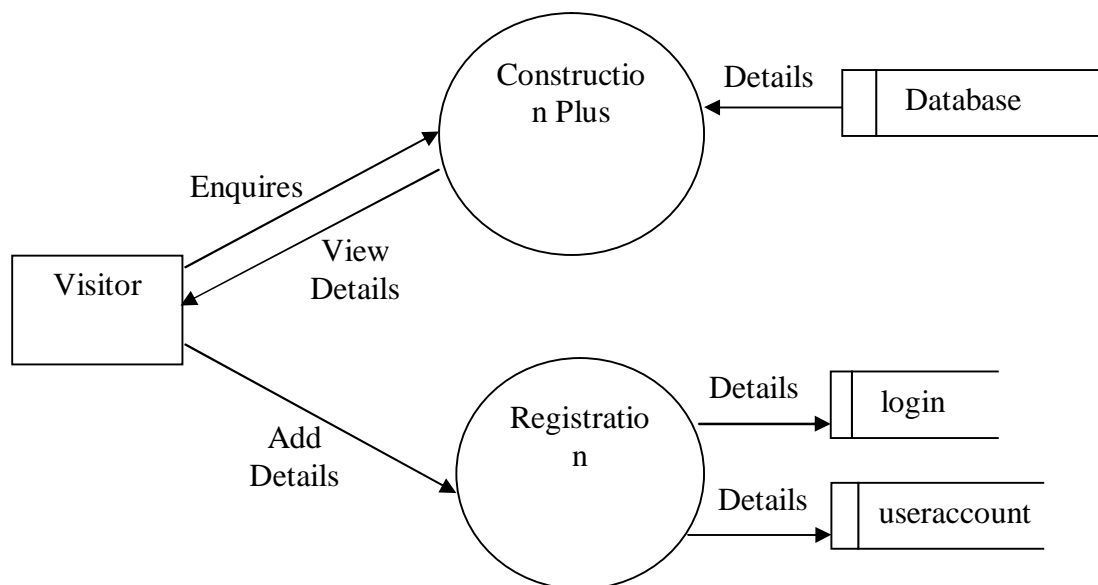
### Level 1 DFD Administrator



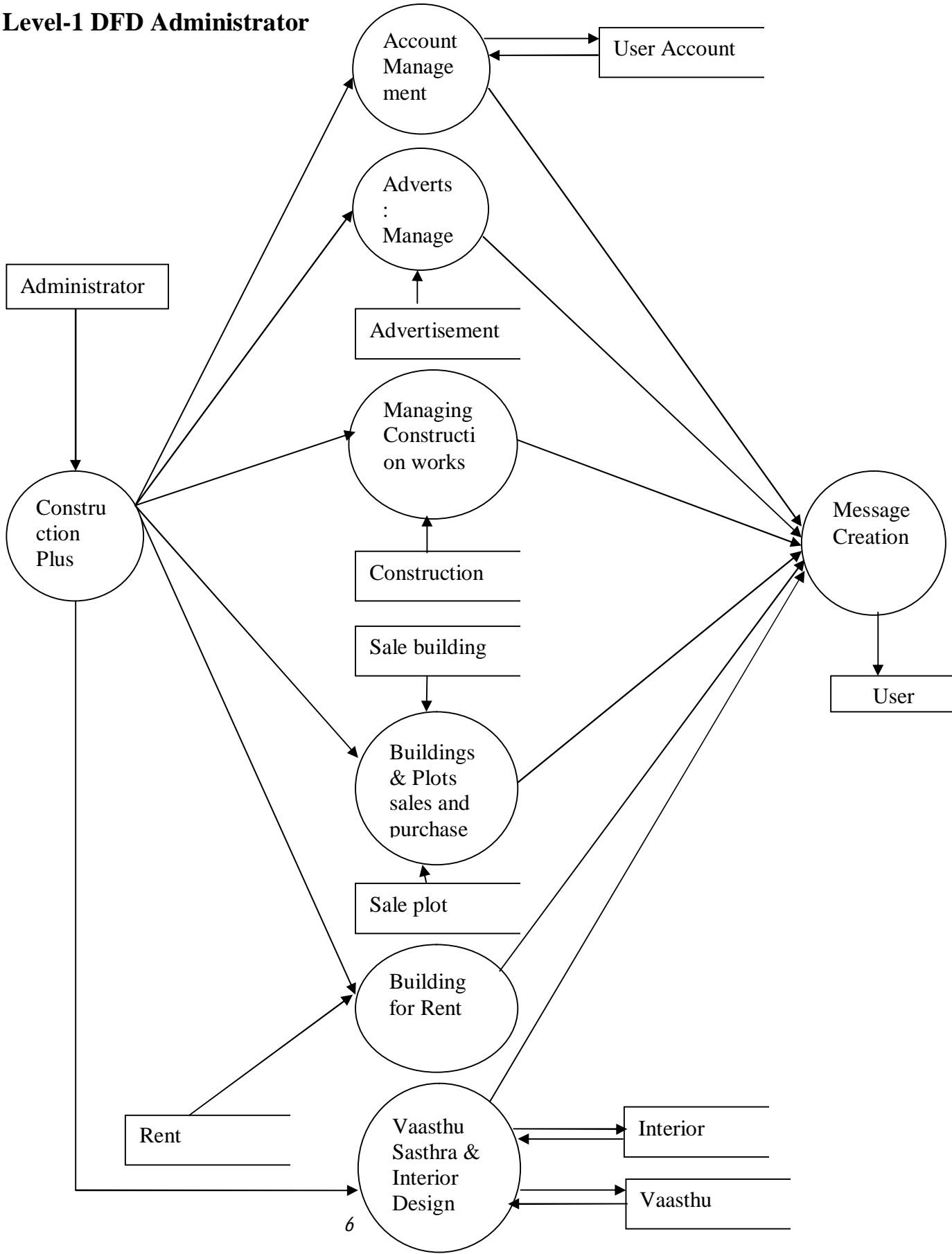
### Level-1 DFD- User



### Level-1 DFD- Visitor

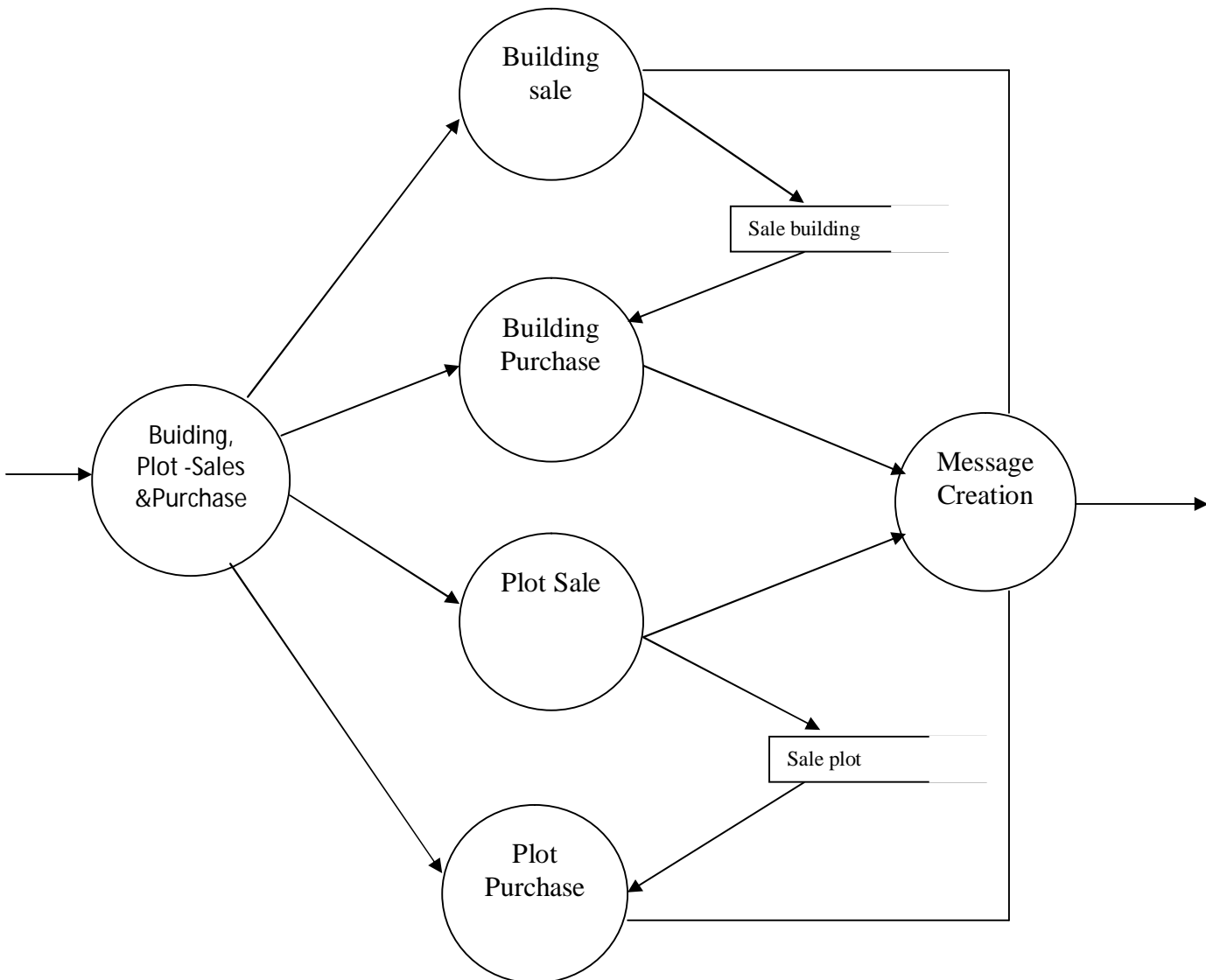


Level-1 DFD Administrator

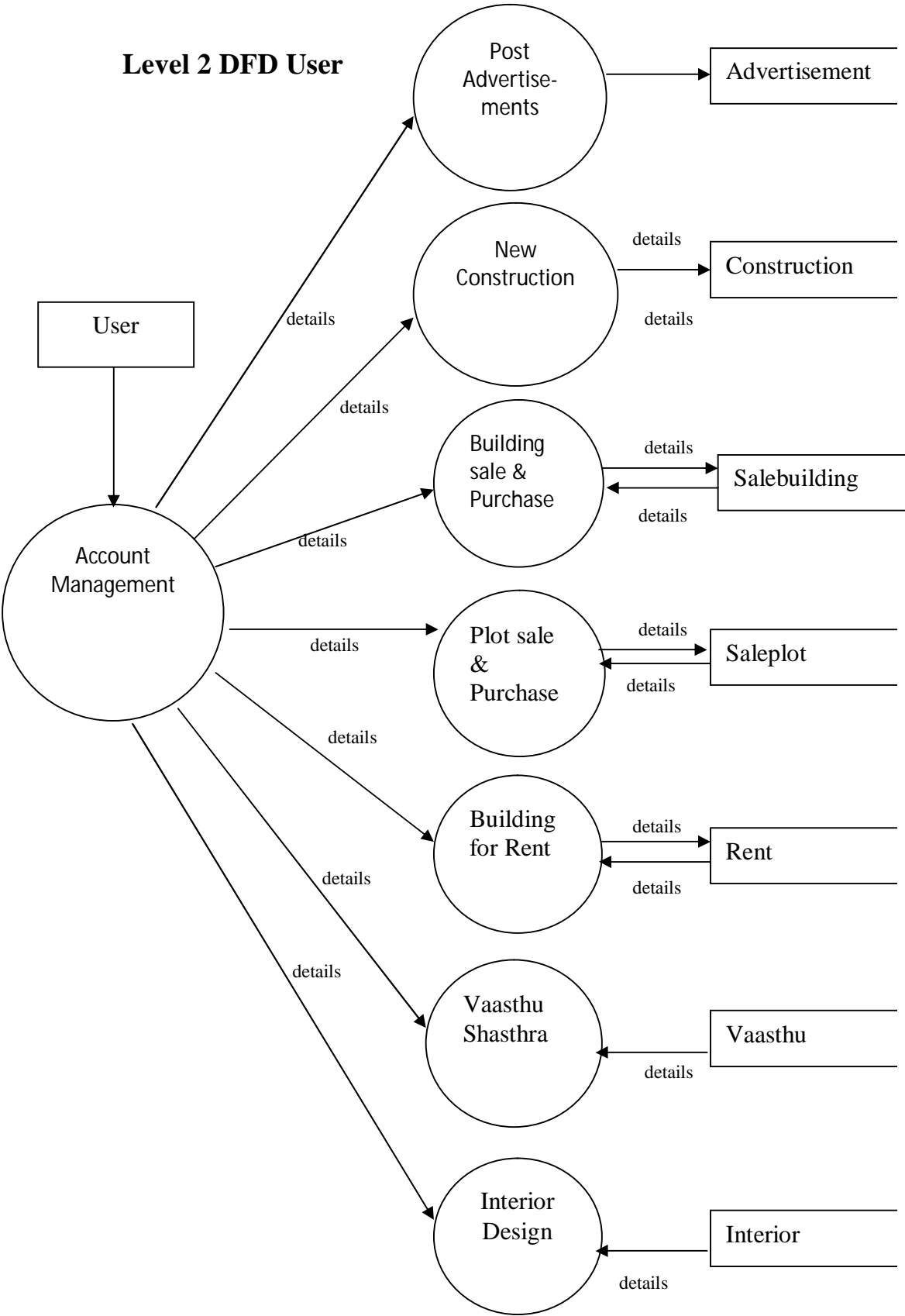


## Level 2 DFD ADMINISTRATOR (Building and Plot Sales and Purchase)

### Level 2 DFD User



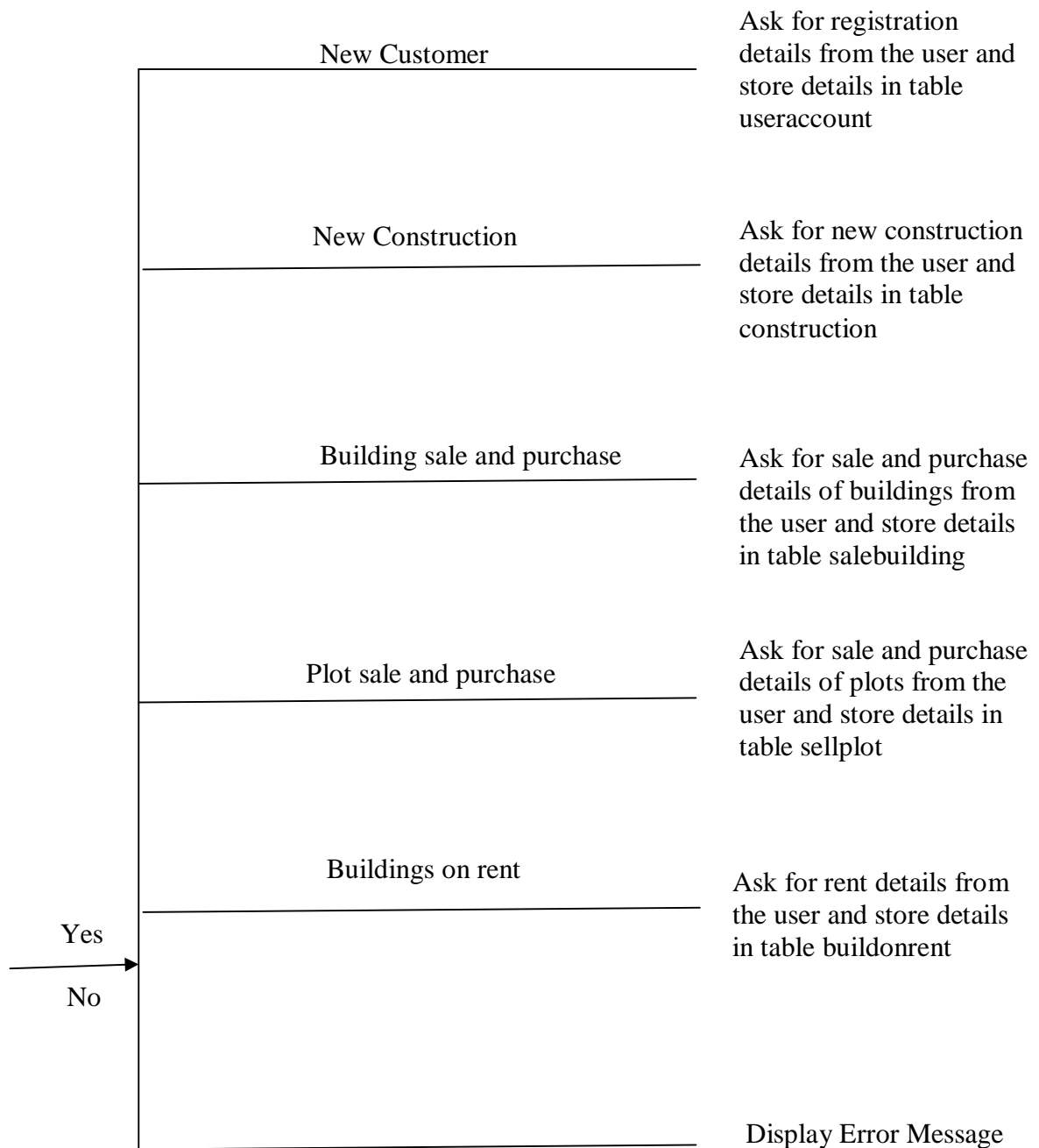
Level 2 DFD User





## DECISION TREE

User



Administrator

New Construction	View user posted new construction details and takes necessary steps
View Customers	View all users of Construction PLUS
Update Customers	Update users of Construction PLUS
Customers transaction Details	Takes necessary steps for verifying whether the user transaction is a valid one or not.
Building and plots sales and purchase	View user posted new building and plots sales and purchase details and takes appropriate steps
Rent Buildings	View user posted rent details and takes appropriate steps
Yes No	Display Error Message

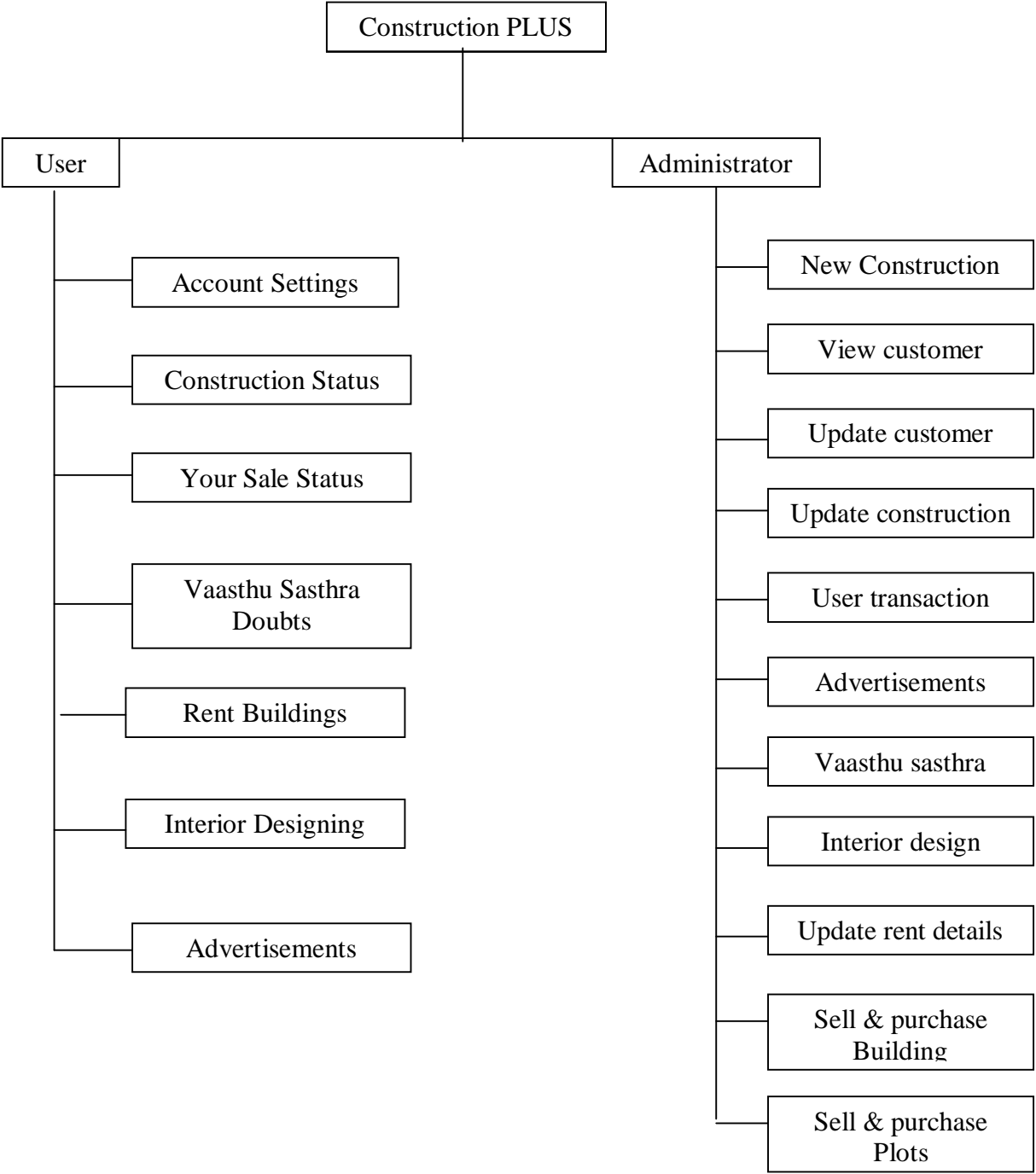
**DECISION TABLE****User**

<b>Condition</b>					
New Customer	N	Y	N	N	N
New Construction	N	Y	Y	N	N
Building sale and purchase	N	N	Y	Y	N
Plot sale and purchase	N	N	N	N	Y
Buildings sale and purchase	Y	N	N	N	N
<b>Action</b>					
Display Error Msg	X				
Ask registration details		X			
Ask new construction Details			X		
Ask building details				X	
Ask plot details					X
Ask rent building details					X

**Administrator**

<b>Condition</b>					
New Construction	N	Y	N	N	N
View Customers	N	Y	Y	N	N
Update Customers	N	N	Y	Y	N
Customers transaction Details	N	N	N	N	Y
Building and plots sales and purchase	N	Y	N	Y	N
Rent Buildings	Y	N	N	N	N
<b>Actions</b>					
Ask for construct details	X				
Ask for update details		X			
Varify transaction details			X	X	
Ask for building & plot details					X
Ask for Rent Building Details					X

MENU TREE



## **MODULE DESIGN**

### **Admin**

The Administrator logs in using the adlogin. In this module two operations are done, one administrator login and second is the user registration, which is done by the administrator. During login the admin and password is verified with that in the database. During Registration the details of the user are taken to store in the database, also a userid is provided to him whose is also stored along with his details.

Along with this the administrator can decide with the status of the user, whether he is to be blocked or unblocked. The administrator also can block a person entering from the system. On receiving any information about a person so he must be prevented from entering the system, the administrator can block him by making his status blocked. So that he is blocked from entering.

The details of the person are updated on request. Firstly his details are procured from the database by using the userid provided to him during the registration. Also the userid is also stored for sending the message.

### **User module**

This module is actually provided for the user, ie: the registered user. Here the user can post his new postings like new construction, sell buildings, sell plots, buildings on rent, etc; he also can be able to access the Vaasthu Sasthra concepts also the interior design concepts too. The user also gets an account on this website with a unique username. He can login to this website using the username and password. He can also post his doubts related with Vaasthu sasthra concepts to this websites and will get the reply through his mail ID

## **Software and Hardware Specifications**

### **Hardware Specification**

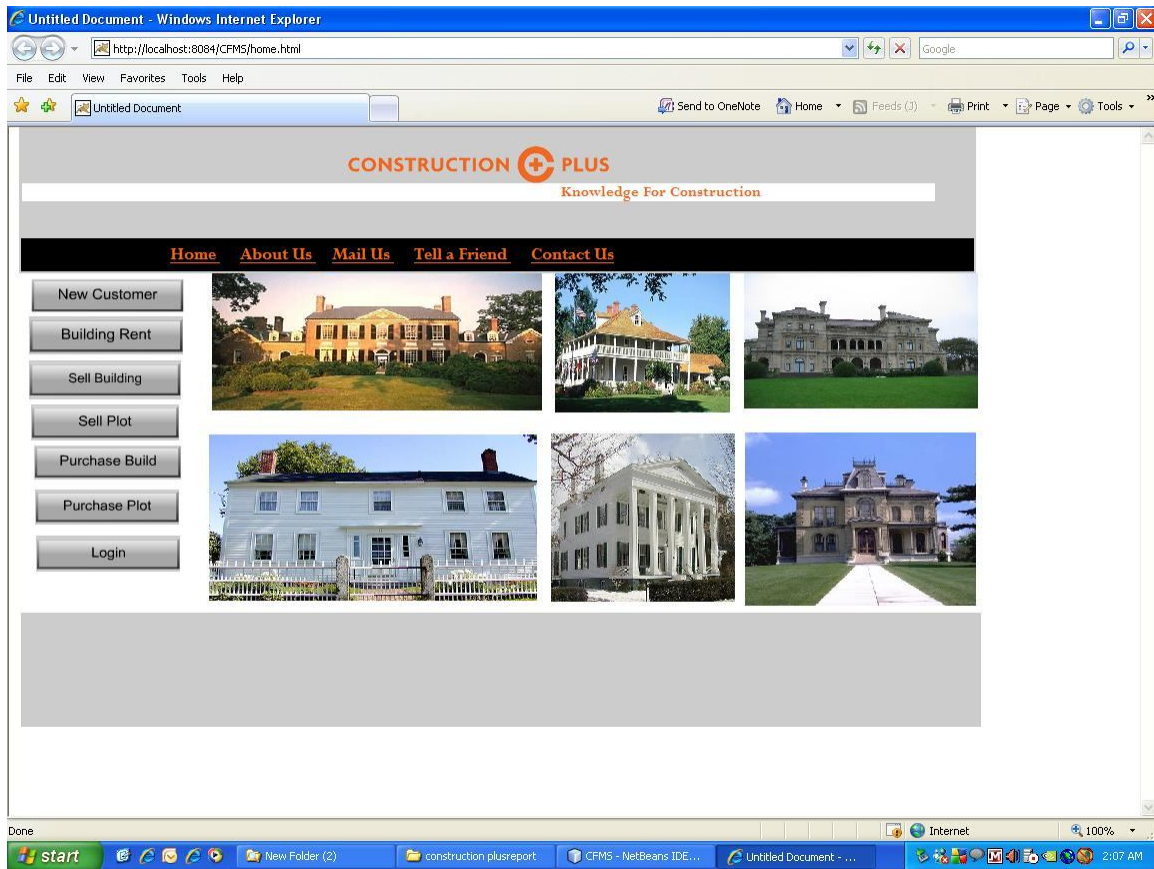
Processor	:	Pentium III/AMD Athlone XP
RAM	:	128 MB
Hard disk	:	20 GB
FDD	:	1.44MB
Monitor	:	14 inch
Mouse	:	3 Button scroll
CD Drive	:	52 X
Keyboard	:	108 keys

### **Software Specification**

Operating System	:	Windows 2000/xp
Languages	:	java 2(EJB2.0, JDBC, JSP, Servlet, Java Mail)
Front End	:	HTML, JavaScript
Platform	:	J2EE
Web Servers	:	Web Logic8.1/Tomcat 5.0
Backend	:	My SQL
Browser Program	:	Internet explorer/Mozilla Fireworks

## SCREEN SHOTS

### Visitorpage





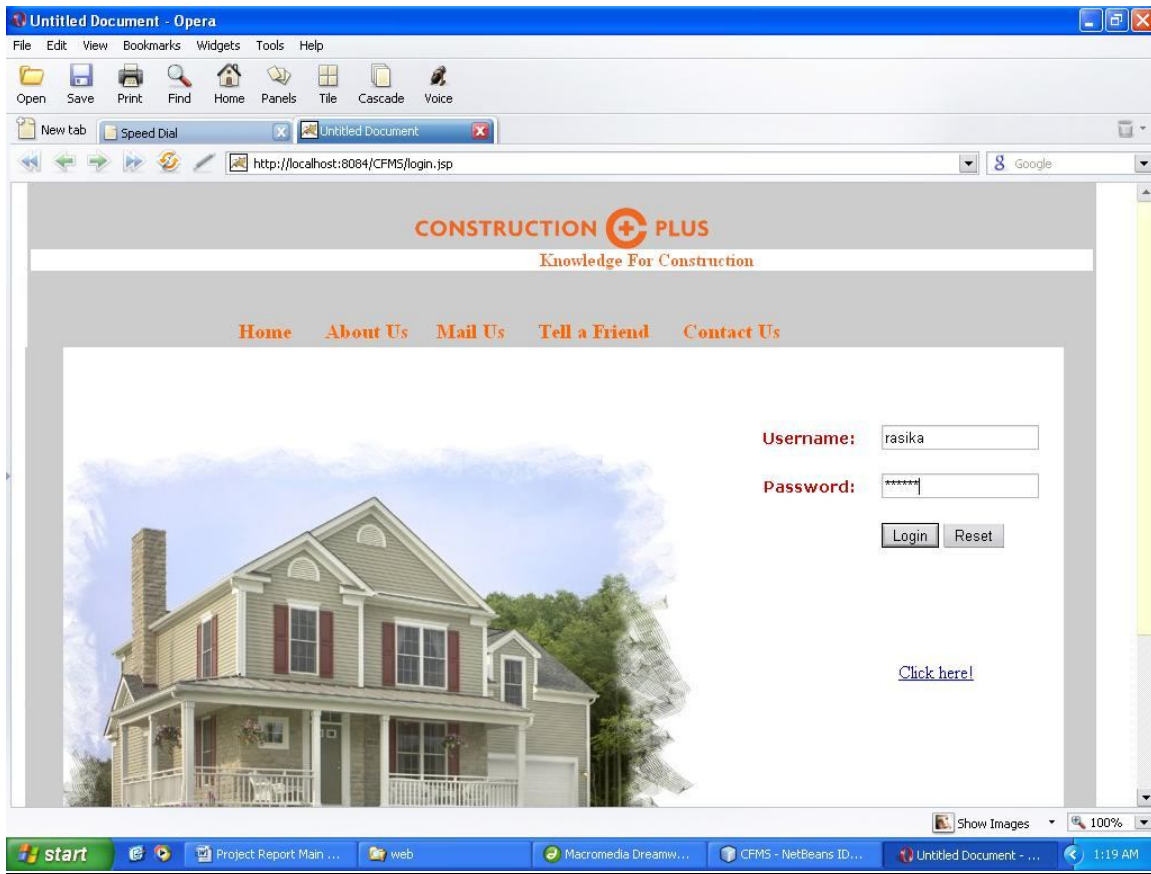
## Adminhomepage



## Userhomepage



## Loginpage



## NewCustomer

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http://localhost:8084/CFMS/newcustomer.jsp

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Customer type Constructor

First name rasika

Last name r

User name rasika

Password 123456

Address rasi

Pincode 123456

City tvn

Phone no 123456

Mobile 123456

e-mail rasika@gmail.com

Type Credit card

dd/draft/cheque no 234

Show Images 100%

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## Sellbuilding

http://localhost:8084/CFMS/sellbuilding.jsp - Opera

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APPLICATION FORM FOR SALE OF A BUILDING

Username	<input type="text" value="rasika"/>
Building type	<input type="text" value="Flat"/>
Address	<input type="text" value="rasikavilla"/>
City	<input type="text" value="tvm"/>
Locality name	<input type="text" value="tvm"/>
Pincode	<input type="text" value="123456"/>
Building site	<input type="text" value="Home"/>
Plot size	<input type="text" value="6"/>
Bed rooms	<input type="text" value="2"/>
Attached rooms	<input type="text" value="2"/>
Ownership	<input type="text" value="assa"/>
Building desription	<input type="text" value="sales for building"/>
Expected cost	<input type="text" value="1000000"/>

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## Sellplot

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**Address** rasika

**City** tvm

**Locality name** tvm

**Plot size** 4

**Ownership** yyy

**Building description** sales for build

**Expected cost** 2

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**Buidonrent**

Untitled Document - Opera

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Google

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**Building type** hotel

**Address** valli

**City** tvn

**Locality name** tvn town

**Pincode** 123456

**Building size** 2 sqt feet

**Plot size** 4

**Bed rooms** 5

**Attached rooms** 3

**Building description** blod for rent

**Expected rent** 123456

Submit

Reset

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## Purchase Build

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PURCHASE BUILDING

Username	<input type="text" value="rasika"/>
Build id	<input type="text" value="4"/>
Address	<input type="text" value="rasikavilla"/>
City	<input type="text" value="tvm"/>
Locality	<input type="text" value="tvm"/>
Build area	<input type="text" value="4 Sqt feet"/>
Plot area	<input type="text" value="5"/>
Bed rooms	<input type="text" value="6"/>
Attached rooms	<input type="text" value="7"/>
Description	<input type="text" value="yes"/>
Expected cost	<input type="text" value="122455"/>

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## Purchase Plot

http://localhost:8084/CFMS/purchasingplots.jsp - Opera

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http://localhost:8084/CFMS/purchasingplots.jsp Google

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**Username**

**Sale id**

**Address**

**City**

**Locality**

**Plotsize**

**Description**

**Budget**

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## Tell A Friend

The screenshot shows a web browser window titled "Contact technical support - Opera". The address bar displays "http://localhost:8084/CFMS/compose.jsp". The page content is titled "Construction Plus : Email to support contact". It features a form with the following fields:

- Name :** rasika
- Email :** constructionplus@gma
- Day phone :** 123456
- Product :** - Select a product -
- Subject :** seles for plot

Below these fields is a text area with the prompt "Please provide a detailed description of your problem below :" and the text "seles for plot". At the bottom of the form are "send" and "clear" buttons. The footer of the page reads "cyberspace © Copyright 2005-2009". The Windows taskbar at the bottom shows the start button and several open applications: Project Report Main..., web, CFMS - NetBeans ID..., sp - Paint, and Contact technical su... The system clock shows 1:30 AM.