Construction in innovated way

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Abstract - *That's the our main objective in addition to that builder can open a new site for this site Builders want good contractor to build a building so considering of this Facts in our project we are add new feature that is the bidding. In this system real estate company. builder(contractor) and customer register for service. through this system contractor get work from REC. REC Can add there project and contractor bid for that project. After time of period bidding is close and appropriate contractor got project. user also search the property. REC gives feedback to Contractor, through feedback admin manage the contractor. So, builder can get the best Contractor to the project.*

Key Words: **Construction in innovated way, Real estate company, online construction, Bidding, sell property**

1. INTRODUCTION

In this system Real-estate Company. Builder (contractor) and customer register for service. through this system contractor get work from Real-estate Company. Real-estate Company Can add their project and contractor bid for that project. After time of period bidding is close and appropriate contractor got project. user also search the property. Real-estate Company gives feedback to Contractor, through feedback admin delete the contractor.

1.1 Limitation of Existing System

In the current system the Real-estate Company need more builder to invest in the project but there is no other system that provide the feature that is called biding. The Following Limitation of the Existing System It is very Hard to Find Pro per Builder or Contractor for Making Construction, Do Not Provide Bidding Features for Getting appropriate Estimate, it is Problematical To find Service Provider.

1.2 Objective of new system

User can buy sell and rent their property through this website. Builders/constructor can upload their property, profile and their services. Builders/Constructor can be bidding the real estate projects. User or company also give feedback to the builder. Builders and company also put their project advertising to website.

2. TOOLS AND TECHNILOGY

JEE/J2EE, Java, Notepad++

Software: - NetBeans, Eclipse

Operating System: - windows 8 and others

Database/Data storage: - MS SQL server

Web server: - Apache Tomcat

3. COST TO DEVELOPMENT

Software cost estimation is process of predicting the effort required to develop a software system. It is difficult to make an accurate cost estimation during planning phase of software development because of unknown factors at that time. In our project cost is High Because of Our Project will be done by java Language so we need Net Beans and Eclipse Software for Implementation and also Use Microsoft SQL Servers For Running and Testing our Project.

3.1 cost to maintenance

Project maintenance cost is also medium for project maintenance because of website domain cost and Hosting are getting by Lowest Price from Online sources and other Services.
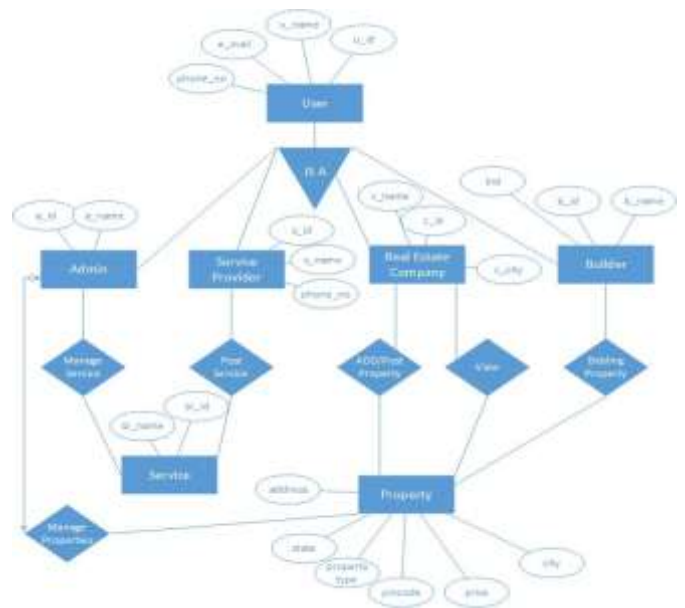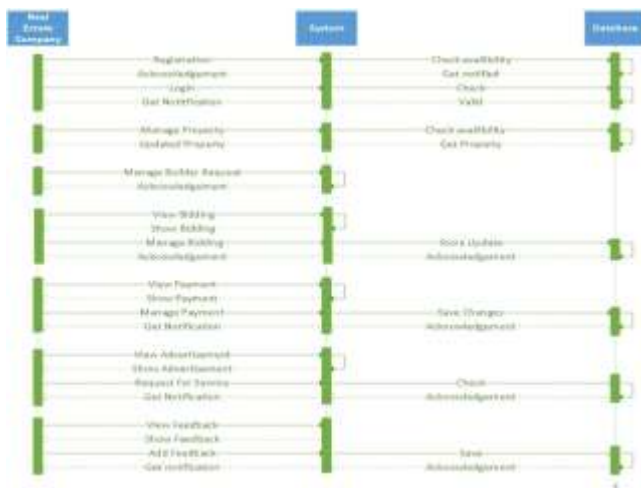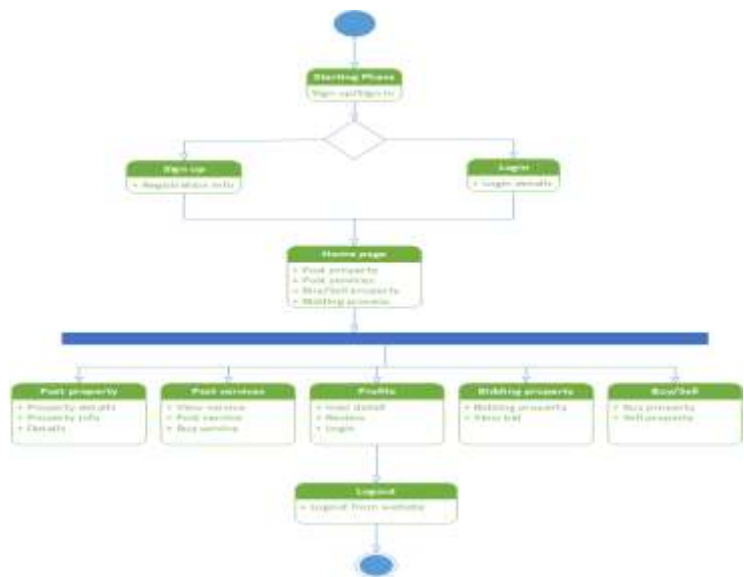
4. System Diagram
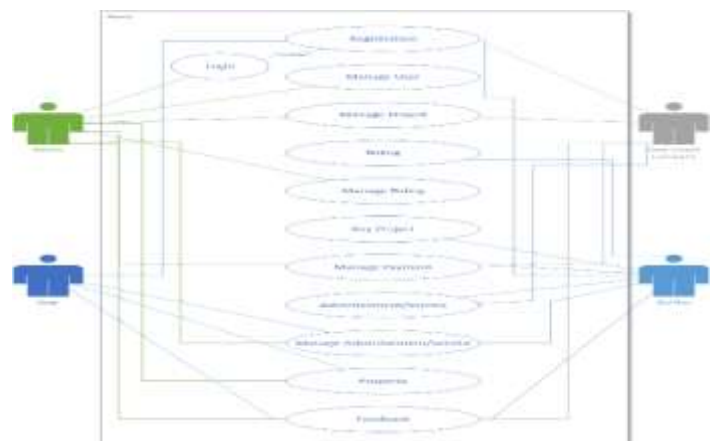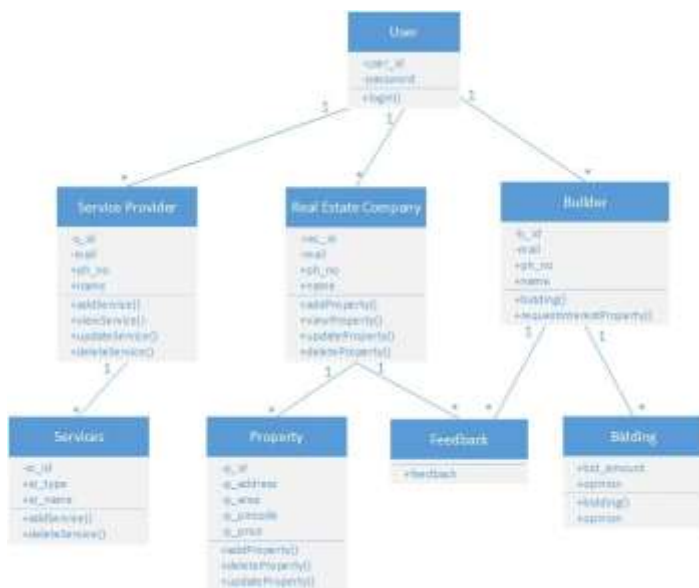

4.1 Use Case Diagram

4.2 Data Flow Diagram

4.5 Er Diagram

4.3 Sequence Diagram

4.6 State Diagram

5. Data Dictionary

Table -1: Login

Column name	Data type	Constrains	Description
l_id	int(10)	Primary key	Primary key of login table
uname	varchar(50)	Not null	Username
Pword	varchar(50)	Not null	Password
role	varchar(50)	Not null	Role of user

4.4 Class Diagram

Table -2: Builder Registration

| Column name	Data type	Constrains	Description
b_id	int(10)	Primary key	Primary key of Builder
l_id	int(10)	Foreign key	Primary key of login table
name	varchar(50)	Not null	Name of Builder
email	varchar(50)	Not null	E-mail of Builder
contact no	varchar(50)	Not null	Mobile-no of Builder
address	varchar(50)	Not null	Address of Builder
experience	varchar(200)	Not null	Work Experience in details

Table -3: Project Detail

Column name	Data type	Constrains	Description
Proid	int(10)	Primary key	Primary key of Property
proname	varchar(50)	Not null	Property name
proaddress	varchar(50)	Not null	Property Address
Tid	int(10)	Foreign key	Type id
areaid	int(10)	Foreign key	Area id
pincode	varchar(50)	Not null	Pincode
minprize	varchar(50)	Not null	Minimum amount
maxprize	varchar(50)	Not null	Maximum amount
descript	varchar(50)	Not null	Description
image	varchar(50)	Not null	Image of property
rid	int(10)	Foreign key	Real estate id
duration	varchar(50)	Not null	Duration

Table -4: Bidding

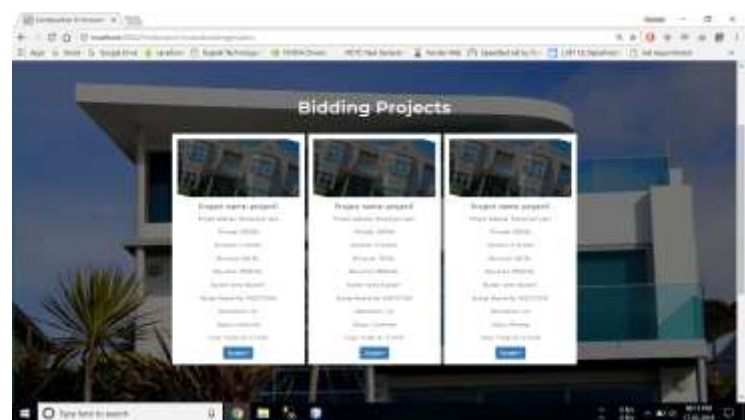| Column name	Data type	Constrains	Description
bidid	int(10)	Primary key	Primary key of Bidding id
proid	int(10)	Foreign key	Project id
bid	int(10)	Foreign key	Builder id
time	varchar(50)	Not null	Time
rid	int(10)	Foreign key	Real estate id
amount	varchar(50)	Not null	Amount
status	varchar(200)	Not null	Status

6. Snapshot
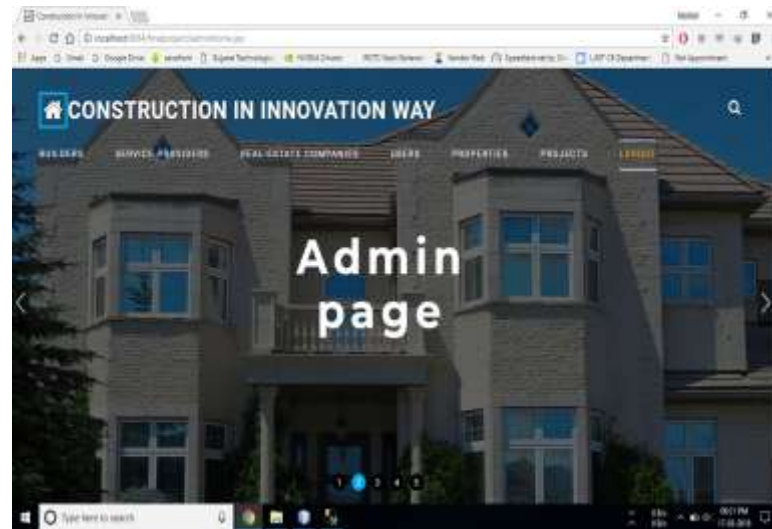
6.1 Home page
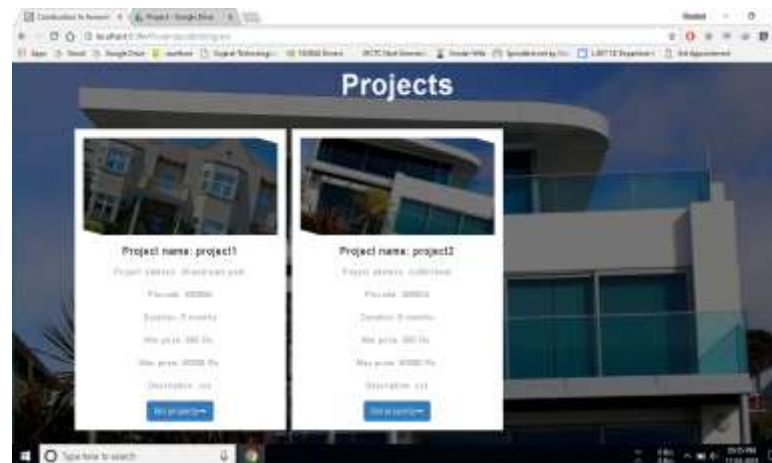
6.2 builder page bidding details

6.3 Real estate Company Bidding
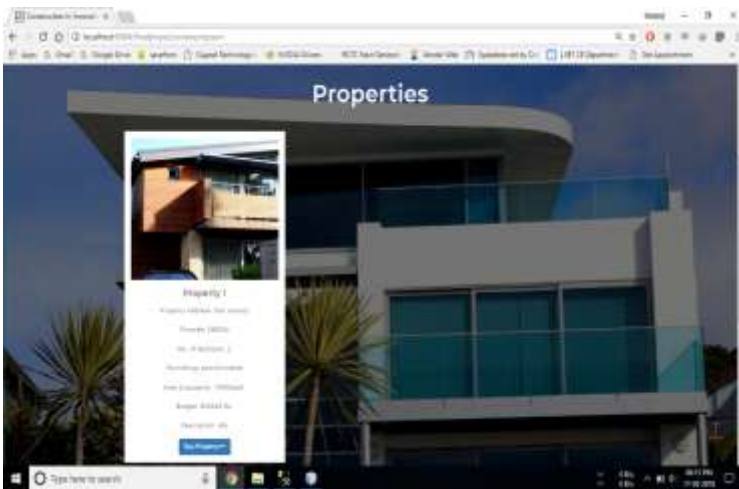
6.4 User Sell Property

7. Future enhancement

Our future work including towards understanding of each and every component in our project in addition to that we solve the possible solution and our project requirement regular update and also add the additional user services like electrician, Carpenter and interior designer and so on. In Addition to that we Implement Some technical issue and other Problems which gather from the customers. Also we implement to show Property bidding result with appropriate and accurate way so Builders easy to bid the project and used very well. The above proposed model is easy to implement considering the available technology infrastructure.

8. CONCLUSION

The proposed the paper show the flow, structure and working of the "construction in innovation way". it is user friendly and easy to use. You can easy to access any device by website. Our main aim is user can easily use services without efforts with the modern technology. Builders can easy to Bid the project and Real estate company easy to Managed Property on website. Our main aim is to develop user friendly website so anyone can handle easily.

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