Online Real Estate Portal

Vattikuti Anirudh[1], Akhil Chitreddy[2], Gogineni Kailash[3]

[1,2,3] *School of Computer Science and Engineering*

Abstract: We propose to build a real estate portal that allows users to post property for sale as well as search sort property and contact its owner online. It also consists of an innovative feature that allows users to post reviews of the dealing process with a buyer after their deal. This allows the buyers to verify a sellers profile and view his past deal experiences from other user reviews on his profile. Every user on the portal has a profile that can be viewed by to check his past deals status. A user may post bad reviews about another user he has dealt with if any payment issues are encountered during the deal. So users may now verify that particular user before dealing with him. Users may look for property as per area, Bhk, Location as well as other amenities like lift, furnished, semi-furnished etc. The system sorts property and displays results list as desired by user. Users may also post a property for sale along with desired price, location and contact details. Dealers can advertise their new projects to the users with the permission of admin. New users can register with permission of admin. The product also provides also lists available loan strategies at present and directs user to the desired bank's website. .

KEYWORDS: Spatial Database, Information Visualization, Real Estate Information.

Introduction:

This website is an Online real estate business website through which a user can access its information and manage all the adding, updating, deleting the assets and some of its tasks. The Admin user can change the update the information regarding property selling and buying and cancellation. The system is very useful for the companies who develop apartments, hotels, villa, residential properties and commercial properties. Companies or individual agents can also advertise their property. This website is designed to attend to all your needs – from buying property, selling property or renting/ leasing of property in India. Here you found the better opportunity to invest your value of entire life. Property Portal helps us to maintain the database of various property & agent's information.

Objective:

- To provide 24/7 service to all its users.
- To provide secure logins all the users.
- To display pictures of the property to the user.
- To let seller or dealer post pictures of their property.
- To provide a uniform look to website.
- To provide many help frames so that user can easily use this product.
- To provide a portable product, this is available to all.
- To keep track of the data using database.

Literature Survey:

In older days when we want purchase a property we can't directly communicate with the owners. We must contact with the help of mediators, but the mediators takes lot of amount and it is also time consuming process. In older days the property dealing procedure consist of many steps like finding agent, appoint correct meeting time, location and so on. Up till now there was no Security in Online Real Estate System, Registration form improves the security by limiting user.

The existing sites are:

1. www.99acres.com: The site can be navigated by anybody. No issue of Security is implemented.

2. www.indiaproperty.com: It was launched in 2006.

These websites provide features like search property, add property and gives different offer which will be beneficial to user. But even with these features there are certain required aspects which make these sites limited. They are: 1. No search gives correct information about basic services available from chosen location like displaying the distance of nearest bus stop, railway station, hospital etc. 2. No flexibility in information retrieval for e.g. listing houses that is within the 2Km radius of allocation.

SYSTEM ARCHITECTURE:

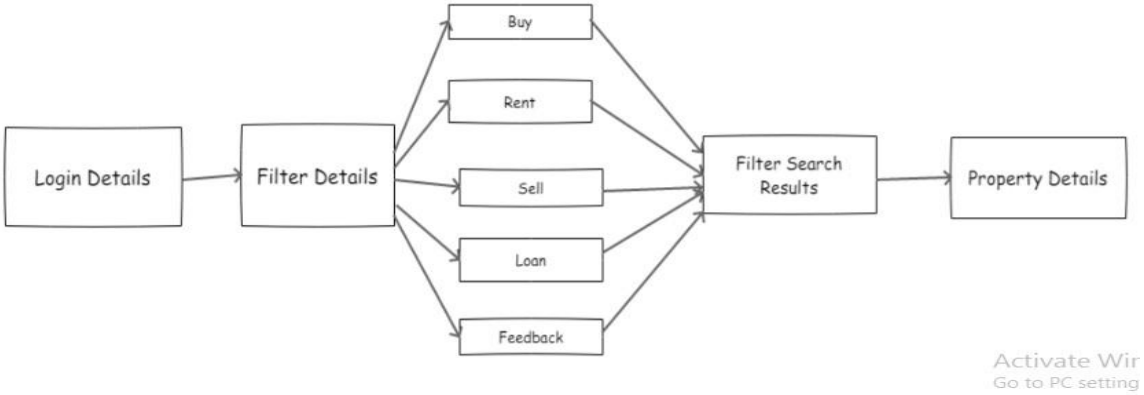


Figure 1: Architecture Diagram

DESIGN PROCEDURE:

Figure 2: Design Procedure

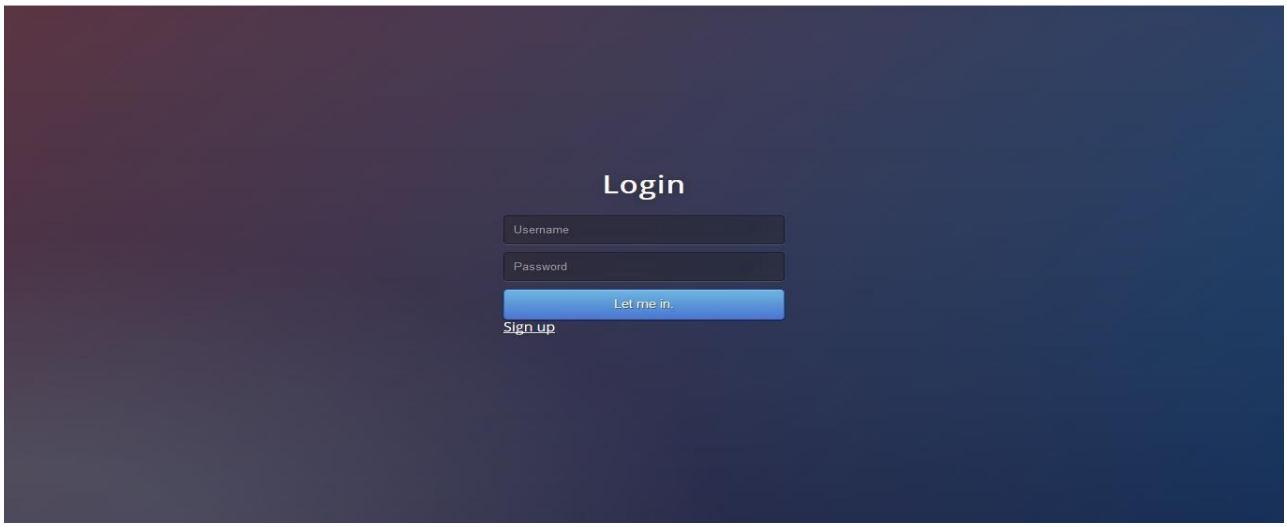
Proposed System:

Our proposed system gives all the features provided by the traditional existing systems, but instead of working only with non-spatial database, the system also works with spatial data. The system will have the following prominent features: -

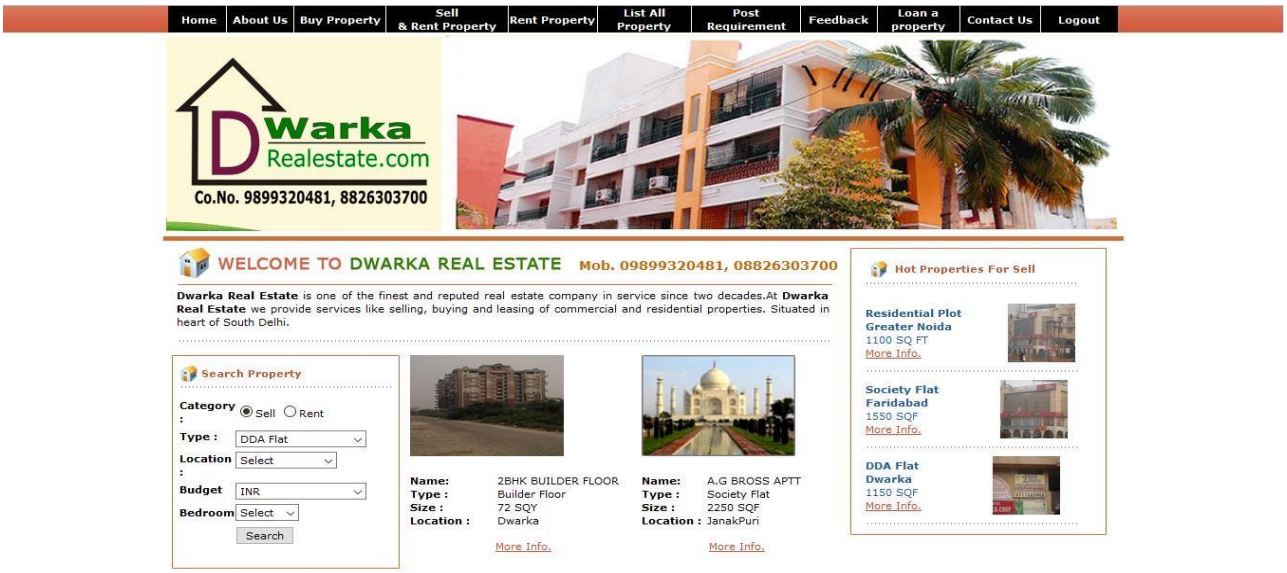
Specification based searching This feature provides the related information to the users according to the specification they have provided to the website. For e.g., if a user is looking for a house with 1bhk at 9 lakhs at Thane, then only those properties which satisfy the aforementioned demand will be returned to the user. Agent Notification Once the user is focused in a particular property and clicks the "Confirm" button a mail type message would automatically be sent to the agent who manages the corresponding zone, informing agent about the user's name, his contact number and email address. Adding property for sale A user can add his property that he is willing to sale so that it can be viewed by other potential clients focused in similar property. For this purpose, the client is supposed to enter not only the location but also pictures and the cost at which he is willing to sale that property. Notifying interested users Whenever a new stuff is added, then a mail type notification is automatically sent to all those clients who were interested or were searching for a near property. Thereby notifying those users about the availability of that property. Allowing users to contact the retailer. The loan is an added database advantage to the users. The users would be given the feature of borrowing a loan from the retailer before making a final decision. This would help the user to disparate interesting property finds and thus help in final decision making.

Providing user with the different areas in which properties are available for sale, the user can easily select the desired property. The official documentation is an additional feature which helps us to clarify our doubts about the property and make sure that the property is certified by the government which gives us a clear amount of the property without fraud.

SNAPSHOTS:


Login
Username
Password
Let me in.
Sign up

ABOUT DWARKA REAL ESTATE
Mob. 09899320481, 08826303700
DWARKA REAL ESTATE is dwarka's first professional property service and real estate broking business company. It is based on a philosophy of service to its customers offered with PROFESSIONALISM, INTEGRITY, TRANSPARENCY and TRUST. In a market that is currently dominated by the unorganized sector, largely unregulated and represented by Sole Proprietorship firms managed by unaccountable and often inscrutable property agents, Property promises to reinvent the business of property broking in dwarka/delhi ncr.
Clients can count on DWARKA REAL ESTATE for all property related requirements, whether small or big with an assurance to be served with the same level of enthusiasm. As a real estate company, DWARKA REAL ESTATE property caters to all the needs and requirements of its clients under a single roof - be it sale, purchase or lease of their property, investment in properties, property advice, property management and few more value added services
DWARKA REAL ESTATE maintains confidentiality about its buyers & sellers and concludes the deals at the best prevailing market prices. With the help of its vast pool of database "DWARKA REAL ESTATE Magic", DWARKA REAL ESTATE is successfully catering to the requirements of its clients for both commercial and residential projects. Based on high ethics, professional services and transparent dealings DWARKA REAL ESTATE has created an indispensable space for itself and is reinventing the landscape for property brokerage business in dwarka/delhi ncr.
DWARKA REAL ESTATE's Range of Services
Our primary services comprise of:
Buy
Sell
Lease
Investmen
Our Value Added Services comprise of:
Legal Consultation
Transaction Coordination, Documentation
Home Loan & Financial Services
Why Purchase Dwarka Residential and Commercial in dwarka ?
Hot Properties For Sell
Residential Plot
Greater Noida
1100 SQ FT
More Info.
Society Flat
Faridabad
1550 SQF
More Info.
DDA Flat
Dwarka
1150 SQF
More Info.


Home
About Us
Buy Property
Sell & Rent Property
Rent Property
List All Property
Post Requirement
Feedback
Loan a property
Contact Us
Logout
Dwarka Realestate.com
Co.No. 9899320481, 8826303700
WELCOME TO DWARKA REAL ESTATE
Mob. 09899320481, 08826303700
Dwarka Real Estate is one of the finest and reputed real estate company in service since two decades.At Dwarka Real Estate we provide services like selling, buying and leasing of commercial and residential properties. Situated in heart of South Delhi.
Search Property
Category : Sell Rent
Type : DDA Flat
Location : Select
Budget INR
Bedroom Select
Search
Name: 2BHK BUILDER FLOOR
Type : Builder Floor
Size : 72 SQY
Location : Dwarka
More Info.
Name: A.G BROSS APTT
Type : Society Flat
Size : 2250 SQF
Location : JanakPuri
More Info.
Hot Properties For Sell
Residential Plot
Greater Noida
1100 SQ FT
More Info.
Society Flat
Faridabad
1550 SQF
More Info.
DDA Flat
Dwarka
1150 SQF
More Info.

Co.No. 9899320481, 8826303700

SOCIETY FLAT Mob. 09899320481, 08826303700

S.No	Society Name	Porperty Type	Property size	Bedroom	Location	Address	property Price	Description	Categ.	View Details
1	A.G BROSS APTT	Society Flat	2250 SQF	3BHK	JanakPuri	SEC-11 DWARKA NEW DELHI, NEAR ASHIRWAD CHOOK .	4 Crores	IT IS 4BHK FLAT IN SOCIETY ON 3RD FLOOR .4BATH ROOMS IN FLAT.THIS IS NEW SOCIETY .THIS SOCIETY IS NEAR TO MAIN MARKET SEC-11,5,12 &4(ASHIRWAD APTT).FLAT'S FLOORING IS TILES .	Rent	View
2	4BED ROOM SOCIETY FLAT	Society Flat	2000 SQF	6BHK	Dwarka	SEC-12 ASHIRWAD APTT DWARKA	15 Thousand	THIS IS SOCIETY FLAT IN SECTOR 12. WOODEN WORK IS COMPLET IN THIS FLAT .THIS SOCIETY IS WALKING DISTANCE FROM MAIN ASHIRWAD CHOOK AND METRO STATION.	Rent	View
3	ATULYA APTT	Society Flat	1785 SQF	3BHK	Dwarka	SEC-18B DWARKA NEW DELHI	85 Thousand	ROOM,4 BALCONYES FLAT . IN THIS FLAT WOODEN WORK IS COMPLET KITCHEN IS MODULER .IT IS MAIN ROAD FACING FLAT .THIS APTT IS NEAR TO METRO STATION SEC-12 , YOU WANTED OUTHER OPPTIONS PLEASE CALL ME OR SEND ME MAIL YOUR PROFILE AND REQUIREMENT	Rent	View

PROJECT DETAILS Mob. 09899320481, 08826303700

Product Name :- society flat

Society Flat

Type:	Society Flat
Size :	1550 SQF
Location :	Faridabad
Address :	SEC-7 SARGODHA APTT DWARKA NEW DELHI
Cost :	3 Thousand
Description	MORE DETAIL PLEASE CALL ME
Floor :	3rd floor
Official Documentation:	view
Bed Room :	2 BHK

Contact Us for this Property

Name :
Email Id :
Contact no :
Address :
Description:: :
Submit

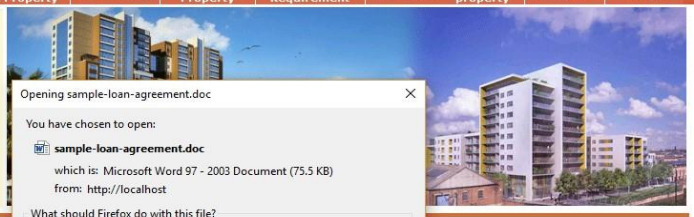
Dwarka Real Estate

Shop No. :- 148,
First Floor , Vardhman Mall ,
Sec-7, Dwarka,
New Delhi-110075

Mobile:-+91-9899320481, 8826303700
Email:-dwarkarealestate@rediffmail.com

Home | About Us | Buy Property | Sell & Rent Property | Rent Property | List All Property | Post Requirement | Feedback | Loan a property | Contact Us | Logout

Dwarka Realestate.com
Co.No. 9899320481, 8826303700



Opening sample-loan-agreement.doc

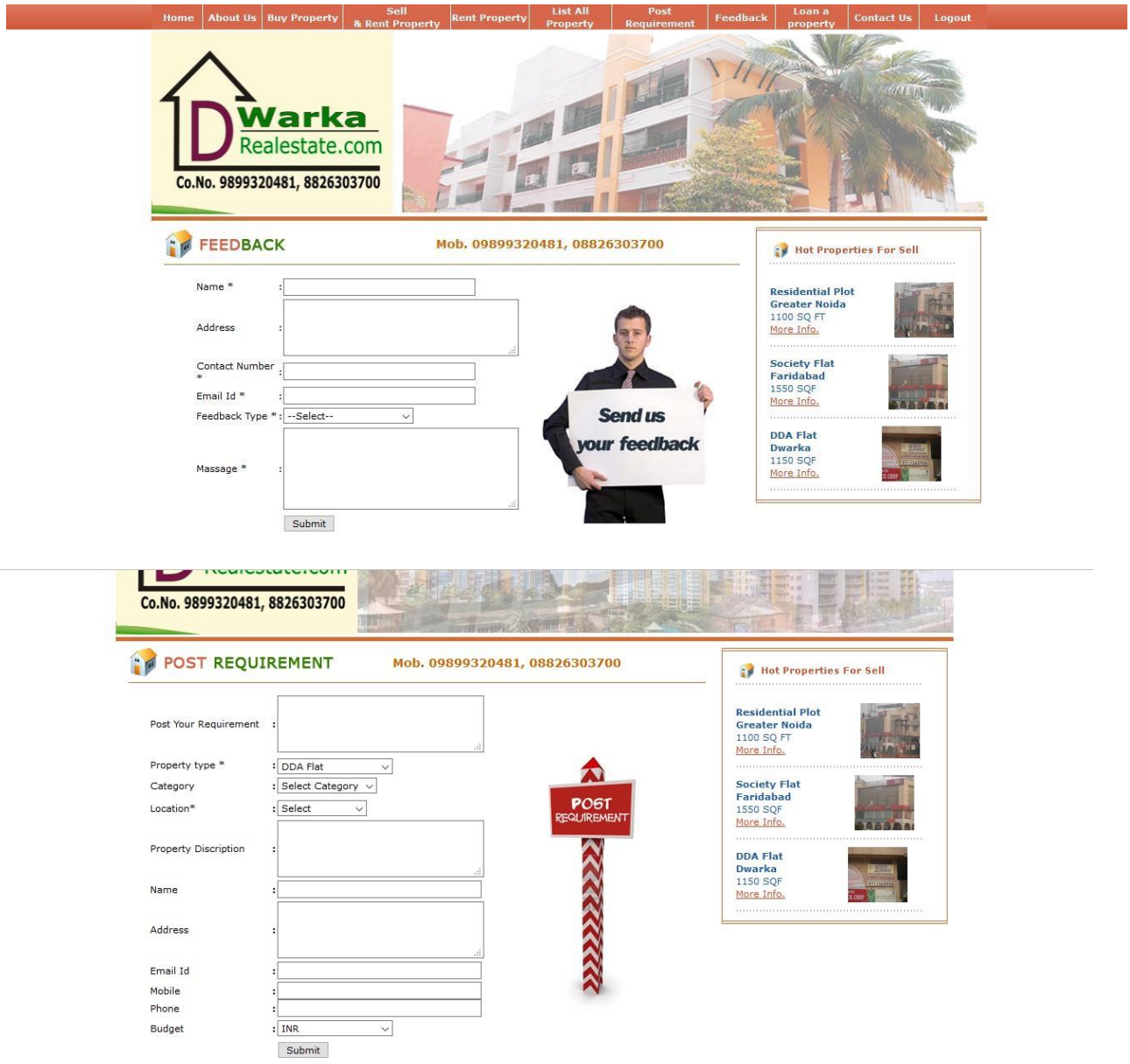
You have chosen to open:
sample-loan-agreement.doc
which is: Microsoft Word 97 - 2003 Document (75.5 KB)
from: http://localhost

What should Firefox do with this file?
Open with Microsoft Word (default)
Save File
Do this automatically for files like this from now on.

OK Cancel

SOCIETY FLAT

S.No	Society Name	Porperty Type	Prop size						Categ.	View Details
1	A.G BROSS APTT	Society Flat	2250 SQF	3BHK	JanakPuri	DELHI, NEAR ASHIRWAD CHOOK .	4 Crores	FLAT IN SOCIETY FLOOR .4BATH FLAT.THIS IS NEW SOCIETY .THIS SOCIETY IS NEAR TO MAIN MARKET SEC-11,5,12 &4(ASHIRWAD APTT).FLAT'S FLOORING IS TILES .	Rent	View
2	4BED ROOM SOCIETY FLAT	Society Flat	2000 SQF	6BHK	Dwarka	SEC-12 ASHIRWAD APTT DWARKA	15 Thousand	THIS IS SOCIETY FLAT IN SECTOR 12. WOODEN WORK IS COMPLET IN THIS FLAT .THIS SOCIETY IS WALKING DISTANCE FROM MAIN ASHIRWAD CHOOK AND	Rent	View



Pseudo code:

- Enter the login credentials
- Choose the desired options and the properties according to the options selected will be displayed.
- Select the property if it matches your requirements and fill the form for beside for receiving the response.
- Select the official documentation for viewing the certificate issued by the government.
- If the user is in lack of money then he can select the loan option and apply for loan.
- If the property does not match the requirements of the user then he can check other properties available for rent or sale.
- Press the logout option if the user wants to end the session.

ADDITIONAL FEATURES:

Loan Option: The loan option provides the user to apply loan instantly by filling the document and sending to the retailer and the user can purchase his desired property hassle free.

Official documentation: It is included for giving clarity to the users about property location, price, bedrooms etc which is officially verified by the government.

METHOD METHODOLOGIES:

The initial aim of this study is to compare information about several features of a house e.g. number of bedrooms, cost, location, type of property and display the properties list according to the search. Then the additional modules are added such as feedback, list all property, rent all property, buy all property etc. After the user searches properties several times, the website shows recommended properties which are for sale. The user can buy the property by contacting the retailer through filling the section of user's details which gets stored in the database and the retailers contact the users who have entered their details. The implementation is done using PHP, HTML, CSS, JAVASCRIPT, MySQL database and Xampp version 3.2.2 is used to support the SQL commands. The additional features include the loan option and the official documentation which is not present in the existing system. The loan option provides the user to apply loan instantly by filling the document and sending to the retailer and the user can purchase his desired property hassle free and official documentation is included for giving clarity to the users about property location, price, bedrooms etc which is officially verified by the government. So, our project aims not only to implement future scope but also a feature which we wanted to include.

Conclusion:

The website is to bring the real estate industry online and enabling real estate industry participants to benefit from the Internet. Site acts as an interface between Individuals, brokers and realtors. Here the user can advertise his property for buying or for selling.

Loan option brings this website into the light as it allows the user apply loan online and does not have to worry about financial problems. Another feature is the official documentation which is used as means to certify the property is verified by the government.

Acknowledgement:

We would like to extend our gratitude to our faculty, Prof. Jabanjalin Hilda for helping us and guiding us in its execution.

References:

1. Hsieh, Y. C., Chiu, H. C., & Chiang, M. Y. (2005). Maintaining a committed online customer: a study across search-experience-credence products. Journal of Retailing, 81(1), 75-82.

2. Rochet, J. C., & Tirole, J. (2003). Platform competition in two-sided markets.Journal of the european economic association, 1(4), 990-1029.

3. Cherif, E., & Grant, D. (2014). Analysis of e-business models in real estate.Electronic Commerce Research, 14(1), 25-50.

4. Ba, S., & Yang, X. (2016). The Falls and Turns of Real Estate Media. In"Internet Plus" Pathways to the Transformation of China's Property Sector(pp. 101-117). Springer Singapore.

5. Wilkinson, S. J., Wilkinson, S. J., Jupp, J. R., & Jupp, J. R. (2016). Exploring the value of BIM for corporate real estate. Journal of Corporate Real Estate,18(4), 254-269.

6. van Loon, J. (2016). Patient versus impatient capital: the (non-) financialization of real estate developers in the Low Countries. Socio-Economic Review, 14(4), 709-728.