FACTORS INFLUENCING MORTGAGE VALUATION INACCURACY OF RESIDENTIAL PROPERTY MARKET WITHIN KADUNA METROPOLIS (NIGERIA)

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UNIVERSITI TEKNOLOGI MALAYSIA
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DEDICATION

To my Father Alhaji Adamu Aliyu Whose Sacrifice

To My Late Mother Hajiya Hafsat Adamu Aliyu Whose Dream

To My Brothers And Sisters Whose Support And Encouragement

And

My Children Hafsat, Muhammad And Abdallah for their endless Love, Support and Sacrifice

“Thank you for all the patience and endurance during this masters voyage.”
ACKNOWLEDGEMENT

My gratitude goes to Almighty Allah in his infinite mercies for sparing my life up to this moment in a healthy condition to witness the end of my MSc program successfully.

I would like to acknowledge my supervisors in person of PROF. MADYA DR DZURLLKANIAN BIN DAUD and DR IBRAHIM @ ATAN BIN SIPAN for their tireless effort and constructive criticism to see this project is successful, also my appreciation to the entire staff at the faculty of geo-information and real estate.

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ABSTRACT

The measure of sale price of actual transaction of a particular property at a particular date and proximity is termed as valuation Accuracy. Errors contributing to this problem are Dearth of rental evidence, Inaccurate capitalization rate, Abandon of the correct procedures of arriving at opinion of values. The objective of this study is to identified factors that influence mortgage valuation inaccuracy in Kaduna Residential property market, also identify the acceptable margin of error in valuation among the practitioners in the study area as well as to develop a model of significant factors influencing valuation inaccuracy. A stratified sampling technique were used and a sample size of 67 respondents was determined using the sample size formula of Yamane (1968) of which were administered and only 51 were retrieved and analyzed. The study used multiple Regression Analysis (MRA), perception index Likert scale of measurement, with the aid of statistical package of social sciences (SPSS version 24). The key findings of the statistical analysis revealed that 16-20% percent was the perception of the valuers on the maximum acceptable margin of values in residential property valuation within the study area which is proxied to represent mortgage valuation inaccuracy. The findings also indicated, familiarity with property market, client pressure, Absence of national valuation standard, problem of relevant data, Regulatory framework and valuation methodology were the most contributing factors to valuation inaccuracy in the study area, while a model of significant factors contributing to valuation inaccuracy has been successfully developed to measure inaccuracy in valuation in the study area. Finally, this research will be of interest to the practitioners and academic researchers with an interest in mortgage valuation as an eye opener for employing accurate methods in conducting mortgage valuation in the study area.
ABSTRAK

## TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECLARATION</td>
<td></td>
<td>ii</td>
</tr>
<tr>
<td>DEDICATION</td>
<td></td>
<td>iii</td>
</tr>
<tr>
<td>ACKNOWLEDGEMENT</td>
<td></td>
<td>iv</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td></td>
<td>v</td>
</tr>
<tr>
<td>ABSTRAK</td>
<td></td>
<td>vi</td>
</tr>
<tr>
<td>TABLE OF CONTENTS</td>
<td></td>
<td>vii</td>
</tr>
<tr>
<td>LIST OF TABLES</td>
<td></td>
<td>xi</td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td></td>
<td>xiii</td>
</tr>
<tr>
<td>LIST OF ABBREVIATIONS</td>
<td></td>
<td>xiv</td>
</tr>
<tr>
<td>LIST OF APPENDICES</td>
<td></td>
<td>xv</td>
</tr>
</tbody>
</table>

1 INTRODUCTION

1.1 Background of the Research 1
1.2 Problem Statements 5
1.3 Research Questions 7
1.4 Objectives of Study 7
1.5 Scopes of Study 7
1.6 Significance of Study 8
1.7 Chapter Layout 9

2 LITERATURE REVIEW

2.1 Introduction 11
2.1.1 Definitions 11
2.1.1.1 Mortgage 12
2.1.1.2 Valuation 12
2.1.1.3 Valuation Inaccuracy 12
2.1.1.4 Mortgage Valuation 13
2.1.1.5 Market Value 13
2.1.1.6 Property Market 13

2.2 Valuation Regulation and Practice in Nigeria 16

2.3 The Concept of Mortgage 19
  2.3.1 The Basis of Mortgage Valuation 20
  2.3.2 Mortgage Foreclosure Process 24
  2.3.3 The Mortgage Valuation Process 25

2.4 The Nigerian Mortgage Industry 26

2.5 Theoretical Factors Influencing Mortgage Valuation Inaccuracy 27
  2.5.1 Valuation Methodology 27
  2.5.2 Problems of Relevant Data 28
  2.5.3 Client Pressure 28
  2.5.4 Effective Regulatory Framework 29
  2.5.5 Absence of National Valuation Standards 30
  2.5.6 Skill, Experience and Judgment of Valuers 30
  2.5.7 The Integrity of Individual Valuer 31
  2.5.8 Characteristics of the Property Market 31
  2.5.9 Valuation Assumptions 31
  2.5.10 Familiarity with Market Property 32

2.6 Valuation and Margin of Values 32

2.7 Property and the Property Market 33

2.8 Model of Factor Influencing Mortgage Valuation 35

2.9 Summary 45

3 METHODOLOGY 46
  3.1 Introduction 46
  3.2 Research Methodology 46
  3.3 Research Process 47
  3.4 Population of the Study 49
    3.4.1 Sample of the study 49
    3.4.2 Sample Frame 49
    3.4.3 Sample Size 49
    3.4.4 Sampling Technique 50
3.4.5 Method of Data Collection 51
3.5 Description of Questionnaire 51
3.6 Method of Data Presentation and Analysis 52
  3.6.1 Descriptive Analysis 52
  3.6.2 Multiple Regression Analysis 53
    3.6.2.1 Data Normality 53
    3.6.2.2 Multicollinearity 54
    3.6.2.3 Justification of Using Multiple Regression Analysis 54
3.7 Study Area 55
3.8 Summary 55

4 DATA PRESENTATION AND ANALYSIS 56
  4.1 Introduction 56
  4.2 Questionnaire Administration 56
  4.3 Reliability of Data 57
  4.4 Respondents’ Profile 58
  4.5 Firms’ Profile 61
  4.6 Mortgage Valuation Inaccuracy 65
  4.7 Factors Influencing Valuation Inaccuracy 69
  4.8 Factors that Improve Mortgage Valuation Accuracy 70
  4.9 Solutions to Mortgage Valuation Inaccuracy in Kaduna 72
  4.10 Cross-tabulation of Factors with Professional Qualification of Respondent 74
  4.11 Model of Mortgage Valuation Inaccuracy in Kaduna 77
  4.12 Discussion of Results 79
  4.13 Summary 80

5 CONCLUSION 81
  5.1 Introduction 81
  5.2 Summary of Findings 81
    5.2.1 Findings for the First Objective 82
    5.2.2 Findings for the Second Objective. 82
    5.2.3 Findings for the Third Objective. 83
5.3 Recommendation 85
   5.3.1 Familiarity with the Property Market 85
   5.3.2 Valuation Standard Manual 85
   5.3.3 Client Influence 86
   5.3.4 Effective Regulatory Framework 86
   5.3.5 Valuation Methodology 87
   5.3.6 Problem of Relevant Data 87
5.4 Research Limitation 88
5.5 Recommendation for Further Research. 88
5.6 Conclusion 88

REFERENCE 90
Appendices A – B 98
### LIST OF TABLES

<table>
<thead>
<tr>
<th>TABLE NO.</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Summary of Literature Reviews on Mortgage Valuation Accuracy</td>
<td>37</td>
</tr>
<tr>
<td>2.2</td>
<td>Factors Influencing Mortgage Valuation Accuracy: -Content Analysis</td>
<td>44</td>
</tr>
<tr>
<td>3.1</td>
<td>Likert scale of measurement</td>
<td>51</td>
</tr>
<tr>
<td>4.1</td>
<td>Questionnaire Administration</td>
<td>56</td>
</tr>
<tr>
<td>4.2</td>
<td>Data Reliability</td>
<td>57</td>
</tr>
<tr>
<td>4.3</td>
<td>Educational Qualification</td>
<td>58</td>
</tr>
<tr>
<td>4.4</td>
<td>Professional Qualification</td>
<td>58</td>
</tr>
<tr>
<td>4.5</td>
<td>Position Occupied</td>
<td>59</td>
</tr>
<tr>
<td>4.6</td>
<td>Duration of Work at the Valuation Unit of Estate Firm</td>
<td>59</td>
</tr>
<tr>
<td>4.7</td>
<td>Average Number of Valuation Carried Out a Month</td>
<td>60</td>
</tr>
<tr>
<td>4.8</td>
<td>Membership Real Estate Professional Bodies</td>
<td>60</td>
</tr>
<tr>
<td>4.9</td>
<td>Attending Seminars, Lecture, In-house Training and Continuous Professional Development</td>
<td>61</td>
</tr>
<tr>
<td>4.10</td>
<td>Age of Firms</td>
<td>61</td>
</tr>
<tr>
<td>4.11</td>
<td>Nature of Firm Ownership</td>
<td>62</td>
</tr>
<tr>
<td>4.12</td>
<td>Number of Branches in Nigeria</td>
<td>62</td>
</tr>
<tr>
<td>4.13</td>
<td>Valuation Department</td>
<td>62</td>
</tr>
<tr>
<td>4.14</td>
<td>Number of Valuers in Department</td>
<td>63</td>
</tr>
<tr>
<td>4.15</td>
<td>Average Valuation Instructions Received in a Month</td>
<td>63</td>
</tr>
<tr>
<td>4.16</td>
<td>Works outside Kaduna carried directly</td>
<td>64</td>
</tr>
<tr>
<td>4.17</td>
<td>Quality Control Measures</td>
<td>64</td>
</tr>
<tr>
<td>4.18</td>
<td>Mortgage valuation is best undertaken on the basis of:</td>
<td>64</td>
</tr>
<tr>
<td>4.19</td>
<td>Valuations Carried Out by Firms most frequently</td>
<td>65</td>
</tr>
<tr>
<td>4.20</td>
<td>Level of Accuracy Achievable in Mortgage Valuation</td>
<td>66</td>
</tr>
<tr>
<td>4.21</td>
<td>Use of Valuation Standard Manuals</td>
<td>66</td>
</tr>
</tbody>
</table>
4.22 Acceptable Margin of error in mortgage valuation
4.23 Nigerian Valuation Manual Facilitates Achieving Accurate Valuation
4.24 Major consequence of mortgage valuation inaccuracy
4.25 Methods of Mortgage Valuation in Nigerian Environment
4.26 Factors Influencing Mortgage Valuation Inaccuracy
4.27 Elements of Valuation that Improve Mortgage Valuation Accuracy
4.28 Impact of Valuers’ and Firms’ Individual Characteristics on Valuation Accuracy
4.29 Solutions to Mortgage Valuation Inaccuracy in Kaduna
4.30 Crosstabulation of factors with professional Qualification of Respondent
4.31 Shows the correlation between factors
4.32 Model Summary
4.33 Model Coefficients
# LIST OF FIGURES

<table>
<thead>
<tr>
<th>FIGURE NO.</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Mortgage Valuation Accuracy Model Source adopted in B. T.</td>
<td>35</td>
</tr>
<tr>
<td>3.1</td>
<td>Research Process Flow</td>
<td>48</td>
</tr>
</tbody>
</table>
# LIST OF ABBREVIATIONS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRC</td>
<td>Depreciated Replacement Cost</td>
</tr>
<tr>
<td>ESVARBON</td>
<td>Estate Surveyors and Valuers Registration Board of Nigeria</td>
</tr>
<tr>
<td>IPD</td>
<td>Investment Property Data</td>
</tr>
<tr>
<td>IVC</td>
<td>International Valuation Committee</td>
</tr>
<tr>
<td>IVCS</td>
<td>International Valuation Committee Standard</td>
</tr>
<tr>
<td>MV</td>
<td>Market value</td>
</tr>
<tr>
<td>NIESV</td>
<td>Nigerian Institution of Estate Surveyors and Valuers</td>
</tr>
<tr>
<td>RICS</td>
<td>Royal Institute of Chartered Surveyors</td>
</tr>
<tr>
<td>MLV</td>
<td>Mortgage Lending Value</td>
</tr>
<tr>
<td>ERP</td>
<td>Estimated Realization Price</td>
</tr>
<tr>
<td>ERRP</td>
<td>Estimated Restricted Realization Price</td>
</tr>
<tr>
<td>OMV</td>
<td>Open Market Value</td>
</tr>
<tr>
<td>ANIVS</td>
<td>Association Nigeria Institution of Valuer and Surveyor</td>
</tr>
<tr>
<td>FNIVS</td>
<td>Fellow Nigeria Institution of Valuer and Surveyor</td>
</tr>
<tr>
<td>PPNIVS</td>
<td>Past Present Nigeria Institution of Valuer and Surveyor</td>
</tr>
</tbody>
</table>
# LIST OF APPENDICES

<table>
<thead>
<tr>
<th>APPENDIX</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Sample Questionnaire</td>
<td>99</td>
</tr>
<tr>
<td>B</td>
<td>Data variable from the Questionnaire</td>
<td>109</td>
</tr>
</tbody>
</table>
CHAPTER 1

INTRODUCTION

1.1 Background of the Research

The practice of real estate Valuation profession in Nigeria was largely dominated by the people of the southern part of Nigeria, and the Majority of the researches conducted has only covered the southern and eastern part of the country and the reason behind is the fact that the profession has been started long time ago within the axis of the south and east zone of the country. With recent development and the transfer of government headquarters from the former capital city (lagos) of the country which is part of the southern state to the new capital city situated at the center of the country (abuja) all the commercial activities have started moving and growing and exhibited the need for the demand of real estate practioners who are to take charge of the responsibility of real estate agency and the need for valuation of government properties for privatization and individual properties for mortgage loan emerged. With the recent report of the Nigeria Institution of Estate Surveyors and Valuers Directory (NIEVS 2009) the total number of the registered estate firms in the country are at the range of 3123, and the total number of the practicing estate firms in the study area (kaduna) is 67. However the real estate practice is still at its infancy stage in the country when it has been compared with some countries in the developed economy, the issue of Valuation accuracy is very important as Majority of the Valuers in practice are lacking experience in valuation due to the infrequent conduction of Valuation

Lately, the issue of valuation specifically the inconsistent quality of residential property valuation as a compelling intermediary for property deals has gotten extensive universal intrigue and open deliberation in the UK, Canada, Australia and
The expansion of speculation on portfolio premise and the way that majority property portfolio choices on valuations rather than prices” (Brown & Matysiak, 2000; Ogunba, O.A., 2007). Indeed, even in nations where portfolio management is still in sample frame, clients to a large extent rely on valuation opinions to make decisions related to mortgage, insurance, and some other purposes. Clients of this property valuation expect accurate valuation for properties so as to make efficient and effective investment decisions.

In well developed nations such as the UK and US, the study of accuracy has made an effort to investigate such allegations. Though, the results in such countries are not yet final, there is at least an effort to investigate inaccuracy and ascertain if there is a requirement for remedial procedure. (Gabriel Kayode Babawale & Omirin, 2012). It is not only advance countries that are finding ways to address the inaccuracy challenges: all nation should investigate the accuracy of valuation so that challenges leading to inaccuracy can be addressed so that customers can be have full confidence on estimated value of properties (Ogunba, O.A., 2007). In a situation where there is a satisfactory level of accuracy both the property developers and investors as customer of the valuers would be encouraged to base their investment decision on the estimated valuation. Considering the above mentioned arguments, developing nations need to conduct studies determining the accuracy level of valuation despite the principal limitation of information base toward that path as distinguished by (O. A. Ogunba, 2004; O. A. O. Ogunba, 1997).

Valuation and Surveying is an essential portion of Real Estate Surveying and Valuation profession over the world, it shapes the establishment on which the land calling is created. Valuation plays a critical role in exchanging resources for finances and credit, ownership transfer, tax related matters, advises on investment, accounting, control and record management and making decision in measuring investment performance (GK Babawale, 2008; Institute, 2001). In this manner, there has to be a satisfactory level of accuracy inorder to provide reliable ground for making assessment. (M. Ajibola, 2006) in his research noted that the property market, by characteristics, is portrayed by diversified products and in addition to this is the fact that there is no single market for genuine property; this makes it difficult to
accurately define the cost of genuine property in the market the market cost of genuine property. That is, the property market is characterised by the abnormal state of defect and this has set rise for variation among valuers and inaccuracy between valuation and market price. The aftereffect of the flaws of the genuine property display and the demand for propery valuers to adopt efficient pricing system, ensuring valuation consistency is most times not among the characteristics matained in the valuation profession (B. Aluko, 1998).

The creation and the diversification of both the industrial and the commercial economic practices and the critical function property holdings does especially as a surety for the release and creation of capital funds, the matching role of valuation can only increase proportionally. Nevertheless, it is a known fact that a lot of human interactions are full of assertion and counter ascertions, conflicts and difference of opinions, the valuation practice is not left out. Consequently, numerous times there are incidence when the clients do not have or have partial confidence in the estimated valuation figures, this is because clients to get the appraised value when the valuated property is taken the market for sale. Also, a number of valuation clients bore the consequence of inaccurate valuation as their property is sold at a price that is low compared to actual market price of the property. These inaccuracies doesnot align with professionalism, this leads to lack of confidence in valuers, and this may cause the clients and general public to believe that the valuation assessment is based on speculations. This makes the clients to have a level suspicion on ineffectiveness and unreliabilty on appraisals. It also results in incompetent and imposter to enter the profession (Oluseyi Joshua Adegoke, 2016; Akinjare, Ogunba, Ayedun, & Iroham, 2013).

However, in Nigeria; there are a lot of property valuers who do not have the professional competence of property valuation as there do not have property valuation qualifications. For examples engineers have in previous occasion claimed to be the one most qualified to value plant and machinery. Also, the Bankers and Accountants claim that the customary are full of enigma and untenable. Averagely, the general public believe that valuation advice by valuers is based on the desire to earn attractive fees. It has been decided that is not well defined, hence, inaccuracy and inconsistency
is expected, it is at the same time crucial that the estimated value of property is the selling property price because of how important it is in the property (Oluseyi Joshua Adegoke, 2016; M. Ajibola, 2010; C. Ayedun, 2009). There is a need for addressing these challenges else there would be total loss of confidence in Nigerian valuation profession and hence result in rejection of their proposed estimate.

Conducting valuation process on real estate property is not an easy task. Real property is characterised by some fundamental properties that affect the purpose of the valuation; Mortgage Valuation is not left out. A substantial reason that may cause a property owner to decide to mortgage a property is a high capital required for development of property and the property does not have sufficient money to completely develop property. Valuation can be conducted for many reasons, it could be for mortgage, purchase, sales, compensation, insurance, balance sheet and so on.

The resulting consequences of valuation inaccuracy in Nigeria as of now may not only result in loss of confidence on valuation profession but may also have negative effect on the property industry and market. Nigeria bank decisions are based on some factors. The bank is required to abide by the capital adequacy requirement of both the market and capital. In other to maintain confidence in Nigeria banks, the banks are required maintain a minimum level of capital, a specified percentage of the banks total asset. The liquidity ration of Nigeria banks is 40% of the individual total bank deposits (Obamuyi, 2009). Thus, this restrict the ability of a bank borrow people money as they have to comply at least the minimum adequate requirements. In addition to this is the danger that the collateral use as a guarantee to grant loan may be insufficient to offset loan given as a result of over valuation, is a contributing factor to banks negative attitude in granting loans. This is evident in the fact that loans are given in a low loan-to-value ratio, very high rates of interest, and some very strict conditions lending condition which leads to a reduction in the amount of money that flows to the real estate industry.

The basis of this study relates to residential mortgage valuations in Kaduna State, Nigeria. The analysis adopts a particular approach to the determination of factors responsible for the differences of value for mortgage valuation. Previous studies have
made comparison between valuations and subsequent saling price of properties transacted in the market place. In this study, accuracy is interpreted as the extent to which a valuation for mortgage purposes reflects comparable evidence from the market. The factors responsible for wide differences between valuation and market price are explored in this study. An important distinction of the Nigerian market is that valuations are based on list price, as sale price is not in the public domain and not available to valuers.

1.2 Problem Statements

The Nigerian mortgage industry, according to Walley (2009), generated less than 100,000 transactions between 1960 and 2009 (a period of about 50 years). The sector's aggregate loans to total assets fall far below best practices of at least 70% as stipulated by Central Bank of Nigeria. According to his report, mortgage to loan funds for the five years ending 2009 averaged a dismal 14.51% while the total mortgage market is up at a mere ₦127.5 billion (US $850 million). The contribution of mortgage finance to Nigeria’s GDP is close to negligible with real estate contributing less than 5%, and mortgage loans and advances at 0.5% of GDP. The Minister of Lands, Housing and Urban Development recently put Nigeria’s debt to mortgage ratio, a measure of the penetration of mortgage section at a dismal 4% (Peeble, 2012). In spite of the relative growth in Nigerian mortgage sector, the 4% figure is one of the lowest in Africa behind South Africa (30%), Namibia (20%), Morocco (15%) and Tunisia (13%).

Property valuation is considered being the main integral part of the real estate discipline and also played a vital role in property transaction, since valuation is regarded as a proxy for transaction prices. When valuation was considered to be inaccurate in this context the issue of acting as proxy to sale prices is compromised, which would cause a serious problem when measuring investment performance of real estate property, since it can only be measured with valuation indices. This issue arises as a result of incapability of the valuation estimates emanating from the trained valuers to accurately represents/translate market price or serving as a reliable
instrument/document in banks loans would affect or damage the real estate property markets and valuer’s reputation. Hence, understanding the sources or factors influencing this sharp differences in values between mortgage valuation and market price will play a tremendous role in reducing the challenges.

Most of the previous researches have worked on inaccuracy of valuation in diverse way, some have looked at it based on property type, (Oduyemi, 2016), some are based on purpose of valuation (Babawale, 2008), whose purpose was on sale valuations whereas, (Ayedun, 2009), is on auction valuation, though, (Jamilu, 2015), worked on factors affecting inaccuracy of valuation in general without narrowing down to purpose of valuation. More so, (Olaeye and Olojede, 2013) recorded clients dissatisfaction on reliability of mortgage valuation caused by large disparity between final option of value and fixed sales price on foreclosed mortgage properties values. Similarly, according to (Chukwu and Osmund, 2014), valuers have formed the habit of total neglect of valuation standards in the course of their assignment, this in addition to inadequate supervision by subordinated assigned by principle of the firm.

Other inaccuracies contributing to this problem are; dearth of rental evidence and inaccurate capitalization rate (Ayedun, 2009). To worsen the situation, some valuers abandon the correct procedures of arriving at opinion of values and resort to satisfying the mortgagor’s demand in terms of value by way of demanding and accepting gratification from the mortgagors (Effiong, 2015; Munshifira, et.al 2016; Babawale et.al 2012).

Having seen the issues and problems that the estate surveyors are facing when valuing residential properties for mortgage in the study area, it is necessary to investigate so as to have an in depth on factors that leads to the sharp differences and proper solution aimed at improving mortgage valuation of residential properties in the study area.
1.3 Research Questions

The study is therefore asking some pertinent question on mortgage valuation in Nigeria. The question for this study are:

i. What are the factors contributing to mortgage valuation inaccuracy?

ii. What is the model of the significant factors influencing mortgage valuation inaccuracy?

iii. What are the proposed solution to mortgage valuation inaccuracy?

1.4 Objectives of Study

The main aim of this study is to identify the factors that are responsible for the difference of value for mortgage valuation in residential property market in Kaduna Metropolis (Nigeria) with a view to improving the quality of mortgage valuation practice.

iv. To identify factors that contribute to the difference of values for mortgage valuation.

v. To determine the acceptable margin error and develop a model for factors influencing mortgage valuation accuracy.

vi. To propose the solution to mortgage valuation inaccuracy within the case study.

1.5 Scopes of Study

This section clearly defines the study limit of this research. Real estate investment is a hot topic in Nigeria. The coverage of the whole country will definitely provide more insights. However, there is limited to conduct this research on the entire
country. Considering this fact, the scope of this research has been restricted to Kaduna metropolis (Nigeria) only.

Also, this study will concentrates on valuation of residential property for mortgage transaction alone. This is boundary is important since it is near impossible for research to be conducted on all property valuation sector by a lone researcher in limited time. In other to chose valuers, there are three basic classification use to classify estate surveyors and valuers, the private sector (i.e the estate valuers and surveyors doing private practice), public-sector estate surveyors and valuers (i.e. estate valuers and surveyors working in various government parastaters such as Ministries, Corporations etc.) and personal in the educational field. This study concentrate on estate valuers who are private practitioners, this is because they form the major group and are the most involved in valuation process in Nigeria.

1.6 Significance of Study

In Britain, the Real Institute of Charted Surveyor (RICS) in conjunction with the Investment Property Databank (IPD) conducted a research on the accuracy of valuation on a yearly basis. The body responsible for valuation in Nigeria, the Nigerian Institution of Estate Surveyors and Valuers (NIESV) and the Estate Surveyors and Valuers Registration Board of Nigeria (ESVARBON) have not conducted such investigation, it is therefore necessary for education researchers to investigate the accuracy of mortgage valuation in the country and consequently share the results with counterparts in the practiing field. This can also facilitate the sponsorship of future research by field workers. A lot of money is commited to real estate on a yearly basis. US economy is conrently affected by the bubble burst in the mortgage sector. The huge sums of money invested in real estate on an annual basis are enormous. Nigeria has to learn from this and avoid such occurrence, this study will provide valuable information to estate valuers and surveyor in practice, and other stakeholders of interest to know the extent to which valuation is inaccurate and the level of potential risk involved. The findings of the research both professional and stakeholders in employing accurate method in the conduct of mortgage valuation in
the study area. The study will also help the stakeholders in mortgage transaction e.g. lenders, borrower and the professional that prepare the reports.

The study is also a response to the challenges of globalization on real estate valuation practice in Nigeria. Globalization necessitates, among the need to standardize the ways goods and services, including investments assets, are described and measured so as to minimize conflicts and promote consistency, transparency, credibility and comparability. It is essential to know whether or not local valuations are, on average, a good proxy for transaction prices. In countries like Nigeria where the property market and the valuation practice are evolving the one-to-one relationship between valuations and transaction prices that are observed in countries like the UK may not necessarily hold.

The need to conduct this study is also informed by the present dearth of literature on mortgage valuation accuracy in Nigeria. As reported studies in the vast area of valuation accuracy debate in Nigeria are limited in scope and depth (M. Ajibola, 2010; C. Ayedun, 2009; C. Ayedun, 2011; Gabriel Babawale, 2013; Gabriel Kayode Babawale & Omirin, 2012; GK Babawale, 2008; Chukwuma, Nwuba, S., Babatunde, & Salawu, 2015; Effiong, 2015b; O. A. Ogunba, 2004; O. Ogunba & Ajayi, 1998; Olufolahan, Michael, & Oluwaseun, 2016; Otegbulu & Babawale, 2011; UDOBI, KALU, & ELEKWACHI, 2016). Apart from the contribution of the study to the debate among academia and professionals across the globe the study is significant in filling part of the existing gap in the body of knowledge relating to mortgage valuation accuracy in study area in Nigeria.

1.7 Chapter Layout

The thesis comprises of five (3) chapters.

Chapter one presents the background of the research, research problem, research objectives, research question scope and significance of the study respectively.
**Chapter two** is the detailed academic review of literature related to valuation inaccuracy, acceptable margin of error and description of factors influencing valuation inaccuracy.

**Chapter three** provides the research methodology, research design, sampling and sampling techniques adopted for the study, describes are methods of data collection and analysis as well the study area.

**Chapter four** in this chapter described are the data analysis of the various respondents including findings which are analyzed and presented in tabular format. Similarly, discussion of the various results were also presented.

**Chapter five** presents the conclusion of the study including the summary of the research findings. Recommendations were also suggested base on the research finding for further research activity.


Norman, G. (2010). Likert scales, levels of measurement and the “laws” of statistics. *Advances in health sciences education, 15*(5), 625-632


