

# Comparative Study on Satisfaction of Inmates Living in Single Unit House or In an Apartment Building: A Case Study of Qasimabad Hyderabad Pakistan

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**Abstract - In architecture, the most fundamental factor is inhabitants. Thus, the significance of any architectural design study is to be based on their information to what amount it realize peace of mind, satisfaction and perception of the people and is capable to complete their requirements. This research is a case study of Qasimabad Hyderabad Pakistan and it is of survey type. This research paper relied upon the data collected through questioners based on response of 200 despondences. Related information has been analyzed by MS Excel. The results of comparison uncovered that the common sense of fulfillment in single unit houses is satisfied more than Apartment building.**

**Keywords:** Perception, Satisfaction, Apartment, Single unit house, Comparison.

## I. INTRODUCTION

### 1.1 Problem Statement

The peoples are moving towards the urban areas due to this the demand of land is increasing and also its cost so to accommodate large number of people in urban areas city has changed the dwelling style and start to expand vertically upward in the form of apartment. City spread in two ways horizontally in the form of housing societies and vertically in the form of apartments. Vertical development could be one solution as it accommodates large number of families under small piece of land to overcome increasing land use cost. Apartment could be a good solution where the land cost is high as apartments can accommodate many number of families under one roof. Both type of living i-e horizontal living and vertical living have different level of parameters with respect to each other such parameters are privacy, liberty, accessibility, economical, security, maintenance, every day time consumption, comfort etc.

Apartment living and individual house living both are offering different types of dwelling style. This different type

of dwelling style creates conflict between the need, use, comfort and other factors of living. People are the main and important part of any architectural work thus, their perceptions are important too. This thesis is focused on the people perception towards single unit house and apartment building.

### 1.2 Aim and Objective

To understand the perception of people of living in a single unit house and in an apartment building.

## II. LITRATURE REVIEW

### 2.1 Shelter

The shelter is most essential structure or building that gives protection from the neighborhood environment. Shelter, together with nourishment and clothing, is one of Man's three most fundamental necessities. Shield secures individuals from the climate, shields them against wild creatures and creepy crawlies, and gives a put to rest.

The expression "house" gets a sense beyond a shelter. The house is the key link between a person and the rest of the world. (MacAndrew, 1953). The foremost critical subject that must be taken into thought in association with the case of Residence is human.

### 2.2 Apartments

A Flat or Apartment is the house consisting of number of units with number of floors or level where families live as neighbors inside a specific area and one organization, and common spaces are commonly utilized by the occupants in like way.

### 2.3 Individual House

Individual houses or private dwellings are generally owned by members of a single family only. If more than one

family residing in that building then it is called as multiple family private dwelling.

### III. ADOPTED METHODOLOGY

The close ended questionnaires were asked from the residence of Qasimabad, Hyderabad on the basis of their experience in living in a single unit house and apartment building. The data is analyzed through Microsoft Excel and mention in the form of Pie charts.

### IV. RESULTS AND DISCUSSIONS

What is your experience about the components mention below in your residence?

#### 1. Natural light

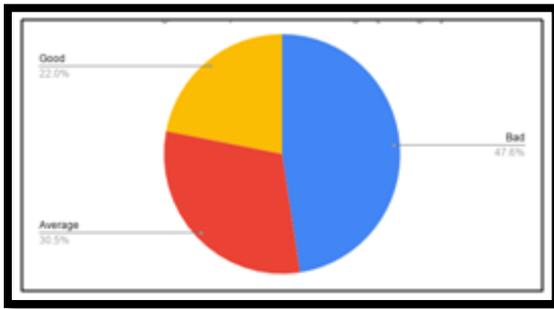


Figure 1: Response of Apartment building users about natural light

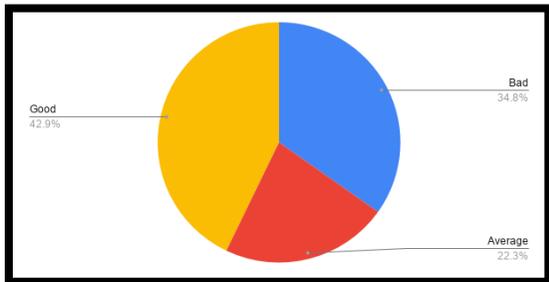


Figure 2: Response of single unit house users about natural light

#### 2. Ventilation

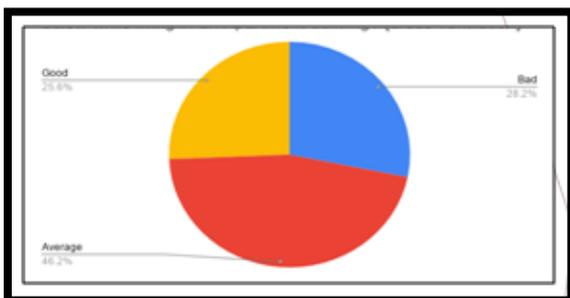


Figure 3: Response of Apartment building users about ventilation

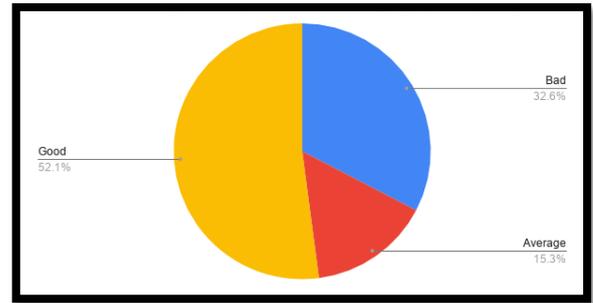


Figure 4: Response of Apartment building users about ventilation

#### 3. Noise issue

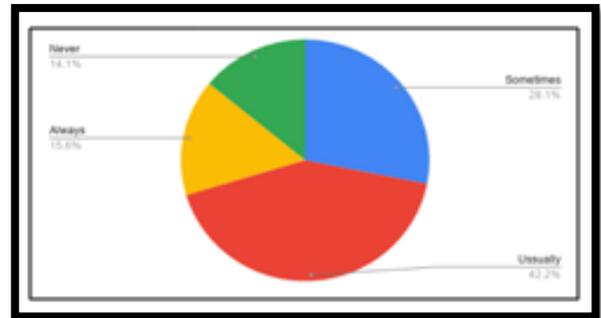


Figure 5: Response of Apartment building users about noise issue

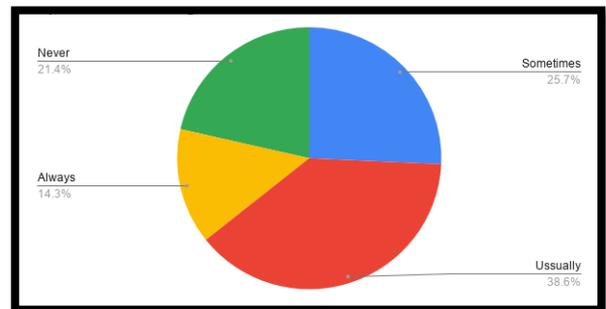


Figure 6: Response of individual house users about noise issue

#### 4. Open spaces

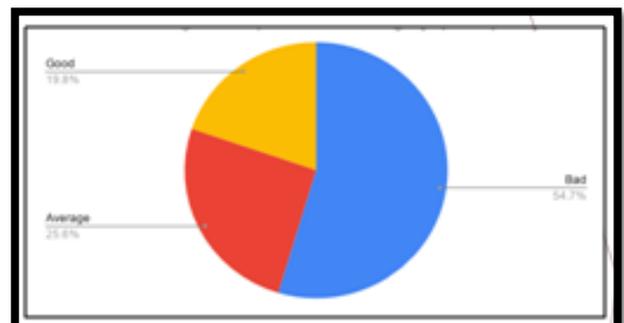


Figure 7: Response of Apartment building users about open space

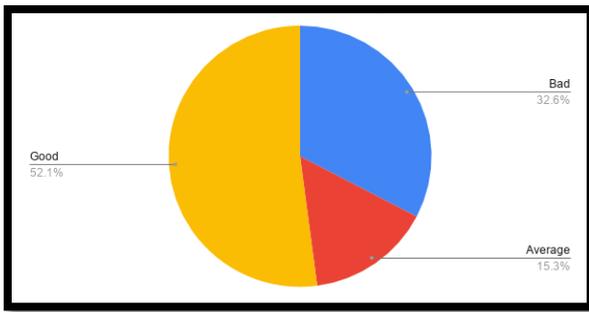


Figure 8: Response of individual house users about open space

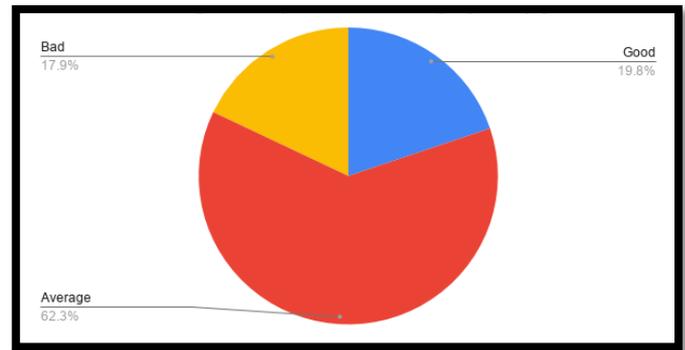


Figure 12: Response of Individual house users about safety factor

### 5. Green space

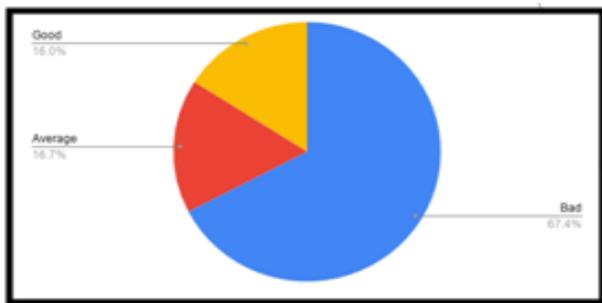


Figure 9: Response of Apartment building users about green space

### 7. Factor of security

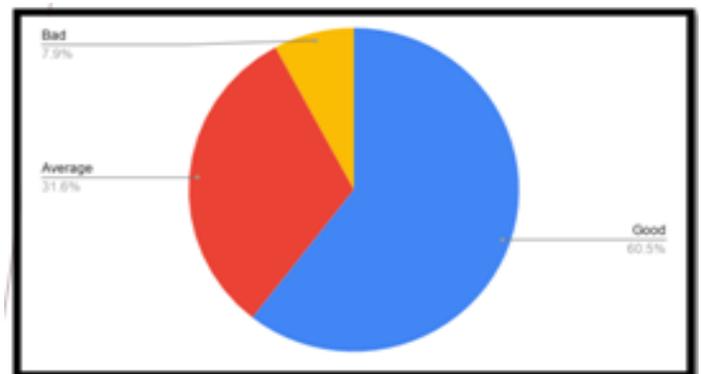


Figure 13: Response of Apartment building users about security

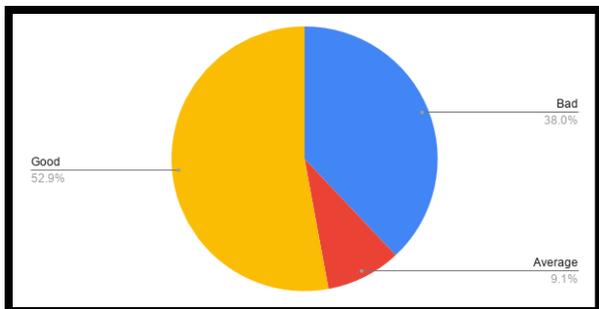


Figure 10: Response of individual house users about green space

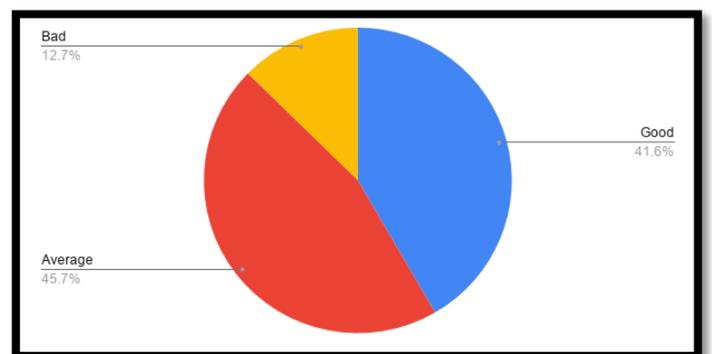


Figure 14: Response of individual house users about security

### 6. Factor of Safety

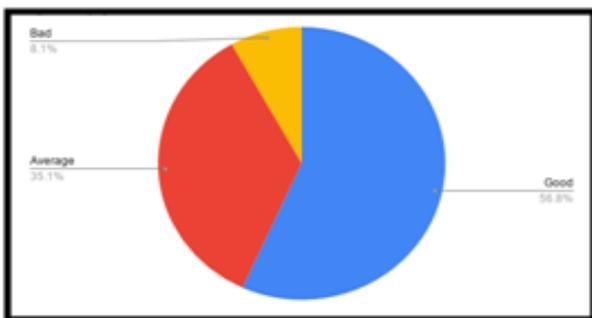


Figure 11: Response of Apartment building users about safety factor

## V. CONCLUSION

The result based on people perception suggested that people are more satisfied in single unit house rather than in an apartment building with respect to natural light, noise issue, green spaces, open spaces are 42.9%, 25.7%, 52.9%, 52.1 respectively.

While with respect to security and safety the apartment users are more satisfied are 60.5% and 54.8% respectively.

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