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**Assessment Cover Page**

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| *Module Title* | Strategic Thinking |
| *Assessment Title* | CA 1 – CAPSTONE PROJECT PROPOSAL |
| *Assessment Due Date* | 29 March 2024 |
| *Date of Submission* | 29 March 2024 |

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PROJECTION OF FUTURE HOUSING RELOCATIONS IN THE CITY OF BEIJING

# Introduction

In this project, one of the most evident urban phenomena in the last decades in Beijing is being detected, this is the process of urban renewal of the city center, which CLOU has been managing to renovate inside the Capital Square Beijing and what they want to achieve with this is to reposition and improve the public space. Clou is managing through various processes to illuminate the office lobbies with a modern design language, introducing the concept "*The City Lantern*".

On the other hand, it is no secret that "*in 2019, Chinese economic growth was 6.1%, falling to the lowest level in 30 years. However, GDP per capita grew , and for the first time exceeded 10,000 Americans. All this can be seen in the reduction in government investments in infrastructure, which fell from 4 to 3.8% in one year, as well as a decrease in investments in the real estate sector, which fell from 10.2 to 9.9%.*” Zhicheng (2020). Chinese growth of 6.1%, the lowest in 30 years. What economic growth can generate is that most of the raw material products increase and this could cause greater unemployment for those people who work in this sector, since all this generates lower incomes and thus triggers the country's economic decline.

# Objective

In fact, what we want to achieve with this project is to generate a notable impact on the real decline and abandonment that is being observed in houses and apartments. In addition, in our Data we can see that some houses were built since 1960 and I want to analyze the number of times these houses have been remodeled to date, according to the structure of the building.

## Problem Definition

Actually we want to achieve with this project is to be able to determine the perimeter areas that are most experiencing abandonment according to the year of construction and the number of renovations or any type of repairs that have been made to the buildings in order to find the necessary results on what is the area of the buildings that is showing the greatest deterioration and in this way to be able to take measures to analyze what could be the possible causes that could be prevented so that the infrastructure looks more modern and more useful over the years.

### Scope

Regarding the methodology, I would point out that it is a segmentation methodology, which seeks to group the potential years of greater activity and in this way be able to obtain more relevant information on whether there are similarities or if they have one or more aspects in common with the previous years. Moreover, we want to improve the functionality of homes, updating their interior as the façade of buildings since this could enhance the home and take better advantage of the property.

In order to obtain more accurate data on the amount of money spent in recent years per house, we would need quotes on the estimated cost of raw material that has been invested in the house, in addition to the price of labor according to the work that has been done within the property, whether in plumbing, painting, lighting, electricity, gas or remodeling that has been carried out within them. Then, having this information, a percentage of money could be considered for the unforeseen events that occur over time, however, in order for this budget to be accommodated as best as possible, it should be borne in mind that this budget will vary according to the location of the place, the size of the house, the number of recommendations that are made, the materials that are selected, among other factors.

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