



**MODULAR ARCHITECTURE**

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## **ABSTRACT**

The primary aim of this project is to provide a new construction technique with cost effective design solution and time saving strategy to increase the knowledge of people in Pakistan. The project is basically planning of two different units that fulfill the social, work and residential needs of the people.

Due to the enormous increase in the prices of land and construction over the years there felt a need in providing a cost effective solution to the people. A project like this provides opportunities to all kinds of people to step up and be able to fulfill their social, working and living needs within the boundaries that don't squeeze out too much from them. The city of Karachi is one of the most practical locations considering it being a port city and the availability of modules being used in the project will reduce more time and save more money.

# CHAPTER 1

## INTRODUCTION

### 1.1 PROJECT TITLE: -

The title of the project is “Modular Architecture” in Karachi, Pakistan.

### 1.2 INTRODUCTION: -

People in our country require opportunities, an opportunity to make a living, an opportunity to hangout, socialize with each other, opportunity to catch up with friends and family, therefore the project aims to provide all those opportunities on a common ground. This project will be cost effective with design-based structures catering the social needs as well as everyday needs of people like work, living and entertainment. The aim of the project is to provide a new typology of architecture within the country and introduce people with new techniques of making structures. This efficient way of using modules as building structure will allow me to create a project much cheaper than the normal way of constructing buildings. Another feature about this project is that the structure can easily be created in modules at factories and can be transported to the site when everything is ready. The structure will be easily manageable and will be put up in a very short period of time as compared to our normal construction methods. The structure will be easy to install and uninstall if needed. Since the modules are easily available in the chosen site, we can use those modules instead of importing new ones to reduce the cost further more of the project, which allows us to go towards sustainability, recycling and re-usage of waste.

‘A modular solution from Trash to Treasure.’

### 1.3 CLIENT:

The client is a Private investor, Mr. Fahad Noor.