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# ENGINE CITY

*A PLACE TO FULFILL THE NEED FOR SPEED*



**THESIS SUBMITTED TO UNIVERSITY OF MANAGEMENT  
AND TECHNOLOGY IN PARTIAL FULFILMENT OF THE  
REQUIEMENTS FOR THE DEGREE OF BACHELORS IN  
ARCHITECTURE**

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## ABSTRACT

The project derives itself as a promotion of motorsports in the country evolving as a hybrid of various facilities interlinked as a fusion of diverse building characters in typology forming an amalgam with the architecture of speed and motion by driving lines showing sweeping sense of dynamism resulting in the formulation of architectural diversity.

The First chapter gives an introduction of the project without going into many details concerning the space program; followed by it in chapter two is the historical background of the project and the literature based on more relevant information that could be in help. The Third chapter gives an overview of some real-life case studies relevant to my proposed project with an analysis of the outcomes that led me to chapter Four, the conduction of the data and space program required for the design. Finally, to wrap up the thesis paper, a site selection analysis occurred in the Fifth chapter where three sites were proposed and analyzed through different criteria's collected from the previous chapters then studied well to come up with the most suitable site for the project.

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## **Chapter 1: INTRODUCTION**

### **Section 1.01 PROJECT TITLE**

ENGINE-CITY

*“A PLACE TO FULFILL THE NEED FOR SPEED”*

### **Section 1.02 PROJECT OVERVIEW**

Ever since the car was first invented, the human beings interest has seen to be increasing at an enormous rate in this invention and all its numerous applications. Engine city will be the most exciting destination offered in luxury, prestige and quality not just for auto race but also for the purpose of entertainment and commercial benefits at all times. It will be a great new attraction to the country’s tourism, provides new experiences and gives different perspectives to car lovers and it will put Lahore at the center of the competitive sports venues.

Also, will allow the visitors to discover and experience different world the world of high speed, racing, and motors. Starting from motoring exhibition halls, cars show room, racing track, driving school and more.

### **Section 1.03 THESIS STATEMENT**

The project concept comprises the development of a large, multi-purpose automobiles & motor sport complex with all kind of Automobile activities and facilities in Lahore.

### **Section 1.04 PROBLEM STATEMENT**

- Communication gap between automobile industry and its target market.
- Unavailability of official motorsports tracks and circuits of most auto racing forms.
- Unawareness of the motorists towards knowledge of traffic safety due to unavailability of motorsports academy for training drivers that would provide the right amount of education about automobiles and racing facilities to the citizens.
- Inadequacy of big outdoor entertainment spaces to host big events within a city.
- Need to address the peril of illegal street racing.

### **Section 1.05 PROJECT JUSTIFICATION**

In Pakistan as a whole and particularly in Lahore, there is no such space where all kind of solutions related to automobiles are available under a single roof. Starting from buying a car, a buyer will prefer to know the available choices within his budget and to test drive such options before making a purchase. In the event if a buyer doesn’t have enough money and he can afford leasing a vehicle, he seeks for opportunity to coordinate with leasing agencies/banks and struggles to find the one giving him lowest mark-up with terms and conditions suiting his particular needs. However, currently no space provides such luxury to car buyers while they need to travel from one showroom to another (and one bank to another) for such purposes. Hence, users have to meet their technical needs through grey channels which results into increased costs and inconvenience. This justifies an immense need for providing a commercial hub for automobile industry to bridge this gap between vehicle buyers/owners and the manufacturers/authentic sellers/service providers. Moreover, such facility will draw interest of new international automobile companies which are not operating in Pakistan leading to foreign investment as well as a competition in automobile industry which will ultimately lower the prices of vehicles in Pakistan.

Likewise, for the motorsport lovers, no venue is available for them to transform their zeal for this sport into reality. As a result, we have seen youngsters enjoying this sport on the roads in an unsafe manner and causing utter inconvenience and safety threat to public. Some local laws have banned such activity on