

FINAL YEAR PROJECT REPORT MECHANIC ANYWHERE

In fulfillment of the requirement

For degree of

BS (COMPUTER SCIENCES)

By

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DECLARATION

We hereby declare that this project report is based on our original work except for citations and quotations which have been duly acknowledged. We also declare that it has not been previously and concurrently submitted for any other degree or award at Bahria University or other institutions.

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MECHANIC ANYWHERE

ABSTRACT

To resolve on road incidents and car failure, mechanic anywhere android app is developed. It is cost effective solution of real time problem. It enables users and mechanic live locations for urgent assistance and user selected services. Among the cross-platform frameworks, the React Native is used to develop mechanic anywhere. It acts as an interface to decrease the efforts of the citizens to locate mechanic and seek urgent assistance to get their issues/requests solved.

There has been a growing need of road services in Karachi and other regions of Pakistan as well which is attributed to several contributing factors which include, tyre puncture, fuel shortage, battery issues, tuning and other services. Since people's lives becoming busier and more hectic with more people now looking for help for urgent assistance of vehicle failure. However, immediate access of such services has proven to be a challenging task especially when one is travelling in a new area and have no idea about nearest located mechanic. This is because, the service providers are situated across different areas and differ in costs, quality and type of service that they provide. The existing mechanic anywhere services solutions striving to solve this problem. There is also ease of communication provided to enhance the quality of service provided by mechanic. The main aim of this project was to develop a mobile application for locating mechanic within a locality to provide services to help in streamlining. Based on ratings, customer can select any mechanic and based on location, the nearest located mechanic will automatically get the request for urgent assistance. Furthermore, the users are provided user manual which is a guide for customers to gain information and assist their vehicles' fault. Provided user manual gives elaborative, descriptive and pictorial vision for customer support.

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