

**ELECTRONIC REQUEST FORMS SYSTEM (ERFS) IN ASP.NET**



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## **Electronic Request Forms System (ERFS) in ASP.NET**

A project submitted in partial fulfillment of the requirement for the degree of Master in Computer Sciences at School of Professional Advancement, University of Management and Technology Lahore.

Approved Supervisor:

Name: Mr. Sher Afghan

Signature:

Dated



## **School of Professional Advancement**

## **ABSTRACT**

Electronic Request Forms System (ERFS) is a system to provide complete automation of official documents and request forms. Presently, such type of work is being done manually in many departments utilizing lot of cost and time. Suppose, a tested and duly signed document is required from the Judicial Department of Hon'ble Lahore High Court Lahore. Consequently, we have to visit the concerned department and launched a requisite request for getting the required copy of the document in a formal way, which will take a lot of time for completing the process. But in this contemporary era this is not a suitable way to do it. Keeping this in view it is decided and introduced an e-reformed system, in which a request can be launched adequately and that request form will be processed automatically with the help of this designed application ERFS.

ERFS can be used in any institute or organization for the purpose of automating Web-based Request Forms i.e. documents, requests etc. and providing workflow based system. The form can be assembled from filling the fields in the given template. The form will be passed through different stations/relevant departments of the organization for the required purpose. At completion of the request form, all related and required fields will be filled. All operations like starting a workflow, tracking, workflow-definition or status observation can be done within a comfortable and easy to use web interface. This system will make the forms request system very efficient and reliable to use. ERFS will include automation of any type of document such as C.C.NO.(Computerized Code Number i.e. mandatory for an advocate to appear in Lahore High Court Lahore), Certified Copy, Cause List, Adjournment, SMS & Email, Special Cause List, Compliant, Early Hearing Request, Case Status Forms in the system. All other types of requests and documents can be entertained through this system that are currently submitted and processed manually in an organization or institute. Request will be initiated by the user, who could be any employee of an organization, an advocate or general public in the form of selecting the type of request form and filling the required fields. The request will be sent to further relevant stations in workflow. The status of the progressing request can also be checked in the account of the user. The comments given at different stations in response to the request form can also be viewed by the request initiating user. Further, upon the completion of the requested form, an email notification will also be sent to the users. All users can use the system with their provided authentication details. The first category of users is general public and advocates who generate requests. The second category of users consists of admins who will maintain the process.

After the implementation of ERFS, a huge number general public and advocates will get the benefit in shape of saving cost and time and this system will be the first web based application in Pakistan which facilitates the judicial department of the country.

## **DEDICATION**

It is dedicated to all our highly respected teachers which have had directly or indirectly connection with the department of “School of Professional Advancement” especially “Master of Computer Science (E)” of this esteemed Institute, University of Management and Technology, Lahore. Because, during our stayed in this Institute, they always guided and empowered us that how to drive the life cycle in the practical field with using contemporary Tools & Technology to compete the new challenges of this modern era. Subsequently, we are being proved ourselves being a student of Computer Sciences & Technology to meet the need. Thus, we are also striving to provide the best solution/ algorithm against the existing problems in the organizations where we are being served and to be served based on the skills, knowledge and practical experience. Such things are amalgamated into ourselves by the blessing, cooperation and coordination of our highly professional teachers and supervisory staff of this Institute.

## **ACKNOWLEDGEMENT**

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Moreover, we are indebted to the unselfish and devoted personal interests and efforts of our all class mates/colleagues who not only helped us in completing this project but also provided us with a rare opportunity to learn more regarding contemporary Tools & Technology. They really supported us enthusiastically to bring this project practical and useful. Obligated acknowledgements are due to the resources like informatics websites and articles which we consulted warmheartedly.

We are also pertinent to thank here our all family members who really extended their complete cooperation in the accomplishment of this project. We hope that this endeavor will be beneficial to all the stakeholders especially those litigants & advocates, who belong to rural areas of the country. It will also help them to overcome their obstacles in which the public faced practically from the long time in the shape of consuming much time and cost as well.

At the end, any suggestion towards further improvement of this project will be gratefully welcomed and incorporated, accordingly in the next phase/version of this project. Any unintentional mistakes pointed out by the venerated project supervisory committee shall be highly appreciated.

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