The Project

" E-City "

Developed by
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(Analysis, Design, Testing & Documentation)

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In partial fulfillment of requirement for the degree of BCS

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Certificate

We accept the work contained in this report as confirming to the required standard for the partial fulfillment of the degree of BCS in the subject of _____

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Dedication

To our parents, who are the most beautiful gift of Allah Almighty, without whom everything would have been impossible to achieve. And to our brothers and sisters who motivated us throughout our educational life. And to all humanity for whom this world has become a small place.

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Acknowledgement

First of all we would like to thank Allah Almighty who gave us the strength and knowledge to accomplish such a thing. We believe that a prayer, which comes out of, a true heart, can never go astray. Secondly we would like to credit our success to our parents who supported us throughout our educational life. Then there was the dedication of our teachers, and especially our supervisor for the project, whose guidance made our way easier. And last but not the least, the thing that made us achieve this goal was our individual ability and knowledge. We would also like to thank all our friends, who motivated us to work on this project and also helped us out with some of our work.

We would also like to thank the following organizations for rendering their help in our information gathering.

- CDA (who helped us with the maps, places and markets information)
- Fbise (federal board helped us with the information of government and private schools and colleges in Islamabad)
- SBP (state bank provided us with the list of national and foreign banks operating in Islamabad).
- PTCL (the database of Pakistan Telecommunication for Islamabad has been used in our project) and all others who helped us to gather information.

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Abstract

The theme of the project is to develop a website of a city that will provide online information to everyone almost anywhere and at any time. The website will provide comprehensive information about different aspects of the city. For the purpose of this project the city that has been selected is the capital of Pakistan, Islamabad. One of the reasons for choosing this city is that it is well planned and information gathering and analysis becomes a lot easier. The information domains or areas in which the users will be facilitated through this website are the following:

- Airlines
- Banks
- Blue Area
- Embassies
- Hospitals
- Hotels
- Important Telephone Nos.
- Industrial information
- Information & Travel
- Markets
- Police Stations
- Public Buildings
- Public Places
- Restaurants
- Schools/Colleges
- Universities
- UN Missions

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Tables

Several Tables have been used in the database to maintain the records regarding different domains of the city. Nothing is hard coded on the web pages so not to make them heavy and time consuming. Due to this fact all the information is being retrieved from the database and the table names are the same as the names of information domains. A list of all the tables used in the database for the project is given below:

- Airlines
- Banks
- Blue Area
- Degrees/Programs
- Departments
- Embassies
- Hospitals
- Hotels
- Important Telephone Nos.
- Industrial Information
- Information & Travel
- Markets
- Police Stations
- Public Buildings
- Public Places
- Restaurants
- Schools/Colleges
- Universities
- UN Missions

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Figures/Pictures

To explain the design and implementation of the website this documentation is aided with comprehensive diagrams and pictures about the project and about Islamabad. Some figures are in the form of Use Cases and Sequence diagrams, while others are in the form of Screen Shots of the actual web pages. A brief description about the list of these figures/pictures is given below:

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