Emergency Ambulance System

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING.

BANGLADESH UNIVERSITY OF BUSINESS & TECHNOLOGY.

(BUBT)

MIRPUR-2, DHAKA-1216.

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BANGLADESH UNIVERSITY OF BUSINESS & TECHNOLOGY (BUBT)

Emergency Ambulance System

A project
Submitted to the Department of Computer Science and Engineering
in partial fulfillment of requirements
for the full degree
of

Bachelor of Science in Computer Science and Engineering

Developed by

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ABSTRACT

Effective communication in healthcare is important and especially critical in emergency situations. In this paper we propose a new comprehensive emergency system which facilitates the communication process in emergency cases from ambulance dispatch to the patient's arrival and handover in the hospital. The proposed system has been designed to facilitate and computerize all the processes involved in an accident from finding the nearest ambulance through to accessing a patient's online health record which can assist in pre-hospital treatments. The proposed system also locates the nearest hospital specializing in the patient's condition and will communicate patient identification to the emergency department. The components of the proposed system and the technologies used in building this system are outlined in this paper as well as the challenges expected and proposed solutions to these challenges. It will also mention if they have a policy and provide them with the required phone number, e-mail etc. for contact. By which one will be able to easily select the method of clients. We use HTML, CSS, JavaScript as a front-end and PHP, MySQL database as back-end to implement the project [2]

DECLARATION

We declare that this project and the work presented in it are our own and has been generated by us and hereby declare that the project entitled “Emergency Ambulance System” submitted in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Engineering in the Faculty of Computer Science and Engineering (CSE) of Bangladesh University of Business and Technology (BUBT), is our own work and that it contains no material which has been accepted for the award to the candidate(s) of any other degree or diploma, except where due reference is made in the text of the project. To the best of our knowledge, it contains no materials previously published or written by any other person except where due reference is made in the project.

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CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify that Shumsuzzoha Sunam, Md. Saiful Islam and Ashraf Chowdhury students of B. Sc.in CSE have completed our Project work titled "**Emergency Ambulance System** " satisfactorily in partial fulfillment for the requirement of B. Sc in CSE in Bangladesh University of Business and Technology (BUBT) in the year 2019 .

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We pay profound regard to all of our teachers of the department for their very valuable directives and special attention .Our parents are very much keen and hopeful in the best performance of the dissertation we are going to submit .We wish we could fulfill their aspiration .We also pay regards to our friends in the department who, through their interest and work, are our contestant source of inspiration.

DEDICATION

Dedicated to our parents for all their love and inspiration.

APPROVAL

This Project "**Emergency Ambulance System**" Submitted by **Shumsuzzoha Sunam** ID NO: **14153103094, Md. Saiful Islam** ID NO: **14153103103** and **Ashraf Chowdhury ID NO: 14153103128** Department of Computer Science and Engineering (CSE), Bangladesh University of Business and Technology (BUBT) under the supervision of **Md. Shahiduzzaman**, Assistant Professor, Department of Computer Science and Engineering has been accepted as satisfactory for the partial fulfillment of the requirement for the degree of Bachelor of Science (B.Sc. Eng.) in Computer Science and Engineering and approved as to its style and contents.

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Abbreviation & Nomenclature

Abbreviation	Description
IT	**I**nformation **T**echnology
RAM	**R**andom **A**ccess **M**emory
HTML	**H**yper **T**ext **M**arkup **L**anguage
CSS	**C**ascading **S**tyle **S**heet
PHP	**H**yper **T**ext **P**reprocessor
SQL	**S**tructured **Q**uery **L**anguage
MySQL	**M**y **S**tructured **Q**uery **L**anguage
RDBMS	**R**elational **D**atabase **M**anagement **S**ystem
XAMPP	**C**ross-**P**latform **(x), A**pache **(A), M**ariaDB **(M), P**HP **(P)** and **P**erl **(P).**
XML	**E**xtensible **M**arkup **L**anguage
DOM	**D**ocument **O**bject **M**odel
MMU	**M**emory **M**anagement **U**nit
CGPA	**C**umulative **G**rade **P**oint **A**verage
ADODB	**A**ctive **D**ata **O**bjects **D**ata **B**ase
W3C	The **W**orld **W**ide **W**eb **C**onsortium
ERD	**E**ntity **R**elationship **D**iagram
DFD	**D**ata **F**low **D**iagram

GUI	**G**raphical **U**ser **I**nterface
URL	**U**niversal **R**esource **L**ocator
PC	**P**ersonal **C**omputer
MB	**M**ega **B**yte
GB	**G**iga **B**yte
OS	**O**perating **S**ystem
SL NO	**S**erial **N**umber
PDF	**P**ortable **D**ocument **F**ormat

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