Final Year Project Report

Project Name
Emergency Security System

Project Advisor : Miss Sadia Khalid

Co – Advisor : Miss Tanzeela shakeel

Submitted By :

Umer Farooq	**12003065290**
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Session:

BSSE (2012-2016)

University of Management and Technology

C-II Johar Town Lahore Pakistan

Dedication

We dedicate this work to our family and the people who taught us valuable lessons in life; all faculty members, staff, Rector UMT, and especially our teachers, who made us able to create and demonstrate our skills in front of the world.

Final Approval

Panel of Examiners

- **Head of Department** _____
  Department of Computer Science
  UMT Lahore

- **Program Director (Final Year Projects)** _____
  Department of Computer Science
  UMT Lahore

- **Supervisor** _____
  Department of Computer Science
  UMT Lahore

- **Co-Supervisor** _____

Acknowledgment

A project is never the effort of an individual, but the contribution of many people, in different ways, makes it possible. We would like to extend our appreciation to the following:

We thank Allah for the wisdom and perseverance that. He bestowed upon us during the whole project, and indeed, throughout our lives, we can do everything through Him.

This project would not have been possible without the participation of all the teachers of our department.

A Special thanks to Miss Sadia Khalid, our project advisor and Miss Tanzeela Shakeel, our co-advisor. Their support, advice throughout the project, as well as pain taking efforts, we towards our project are greatly appreciated. Indeed without their effort we were unable to complete our project.

We would like to thank our parents, for their unconditional support, both financially and emotionally throughout our degree.

Project Title "Emergency Security System"

Objective To secure cell phones from snatchers.

Undertaken by:

Umer Farooq 12003065290

Rehan Sikandar110165209

Ehsan Bin Amman 12003065397

Supervised by:

Miss Sadia Khalid

Starting Date: 13th April 2016

Completion Date: 3rd March 2017

Tools Used:

- Android Studio[1]
- Software Development Kit[2]
- Java Development Kit [3]
- SQL (LITE)[4]
- Creatly[5]
- FluidUI[6]

Operating System:

- Windows 10

REVISION CHART

Version	Primary Author(s)	Description of Version	Date Completed
Draft	Umer , Rehan ,Ehsan	Android app	13.4.16
Preliminary	Umer , Rehan ,Ehsan	Android app	16.4.16
Final Phase 1	Umer , Rehan ,Ehsan	Its pre final draft, checked and resolved mistakes. Suggestions for improvements	20.4.16
Revision 1.1	Umer , Rehan ,Ehsan	Screen flow + DFDs	27.4.16
Revision 1.2	Umer Farooq	DFD level 0	4.5.16
Revision 1.3	Umer Farooq	DFD level 1	11.5.16
Revision 1.4	Umer Farooq	All the screens	18.5.16
Revision 1.5	Umer Farooq	Class diagram	25.5.16
Revision 1.6	Umer , Rehan ,Ehsan	Logo	1.6.16
Revision 2.1	Umer , Rehan ,Ehsan	Documentation	6.9.16
			semester break
Revision 2.3	Umer , Rehan ,Ehsan	Use cases	15.9.16
Revision 2.4	Umer Farooq	Sequence diagram	20.9.16
Revision 2.5	Umer Farooq	Documentation	4.10.16
Revision 2.6	Umer , Rehan ,Ehsan	System Architecture	18.10.16
Revision 2.7	Umer , Rehan ,Ehsan	Function point Analysis	19.10.16
Revision 2.8	Umer , Rehan ,Ehsan	Implementation test	25.10.16
Revision 2.9	Umer , Rehan ,Ehsan	Documentation	1.11.16
Revision 3.0	Umer , Rehan ,Ehsan	Power off button	10.2.17
Revision 3.1	Umer Farooq	auto-save/send module	21.2.17
Revision 3.2	Umer Farooq	activation module	24.2.17
Final Phase 2	Umer , Rehan ,Ehsan	Activation module	3.3.17

Summary

So, the conclusion of our project is that we have used our full efforts in this project devotedly. Now it is completed entirely. Through the help of our project team we will try our best to help people by saving them from mobile theft. Our group members have worked very hard in order to complete this project. This project is not a one man show, in fact every member of the group has worked correspondingly. Through this project we have experienced many things such as how to work in professional life in group work which will later benefit us in future.

1.INTODUCTION

1.1 Project Overview

Emergency Security System is an Android application, which is especially designed to protect the mobile phones of innocent people from mobile snatchers. This application will help to decrease the risk of being stolen by mobile robbery. ESS locates the snatched mobile and sends its location through SMS to the numbers mentioned by the user. In this way, snatcher will not be able to turn off the mobile phone because of the security question alert which will be appear on the mobile screen when the turn off button will be pressed.Along with this, this application is also capable of taking the pictures of the snatcher and will send to the GMAIL account of the particular User.