

Final Year Project Report
Project Name
Vigilance chat application (V Chat)



Project Advisor:

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Session

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Dedication

First of all thanks to Allah who gives us power and wisdom to complete this project.it is known to be a dream for every young lad these days to graduate from university in the field of personal interest. We feel blessed today to complete this project. I would surely like to dedicate the success of this project along with my bachelor program to my beloved family and friends. Specially,to our parents, who have always supported us throughout my good and tough times and friends who guided us a lot in this project, they made us overcome our weakness so that we can have in depth knowledge which helped us in working efficiently on the application we made.

Final Approval

Panel of Examiners

- **Head of Department** _____
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- **Program Director (Final Year Projects)** _____
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- **Supervisor** _____
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- **Co-Supervisor** _____

Acknowledgment

We would like to express our whole hearted gratitude to this educational institute: University of management and Technology for providing me a platform to undertake the project and explore our capabilities in the practical work.

Sincere thanks to Mr. Ahtasham Ali along with other faculty members of the department for their guidance and encouragement in carrying out this project and making it all possible.

Thank you

Project Title **V Chat**

Objective Main objective is socialism and inform close friend's and family member whenever you are in trouble .

Undertaken by

Supervised by Sir Ahtsham Ali

Starting Date 18-1-2016

Completion Date 4-4-2017

Tools Used Android studio

Operating System Android

Documentation Microsoft word

Abstract

“V Chat” is basically social application in which we can do chat with our friends and family. Our main focus is on security .It’s a vigilant chat application in which after signup there is special contact list which is our close friends and family. Whenever we are in trouble by single click our current location is sent to special list with a danger message. We think this idea is very useful in Pakistan.

REVISION CHART

Version	Primary Author(s)	Description of Version	Date Completed
Version 1.0	Shabbar Ali, Saifur Rehman	All use cases are described in this document	11-12-16
Version 1.1	TayyabJaved , Ali Hameed	Diagram like ERD, Class , architectural diagrams or other UML	29-01-17
Final version 1.1.0	Shabbar Ali,TayyabJaved	Complete documentation which includes functional and non-functional requirement,diagrams and testing.	20-2-17
Revision 1.1.1	Ali Hameed, Saif ur Rehman	Testing	23-3-17
Revision 1.1.2	Shabbar Ali, Saif ur Rehman	ERD, Class	1-4-17
Revision 1.1.3	Shabbar Ali	Complete document including scope vision.	17-4-17

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Definitions and Acronyms

Acronym	Definition
UMT	University of Management and Technology
POS	Point of Sale
OS	Operating System
SDK	Software development KIT
DB	Database

Table 1: table of acronyms and definitions

Introduction

1.1 Motivations

In the present age we are using many social applications that allows us very important functionalities which we use and make our life easy as this the age where people use internet application

Instead of manual communications. But these applications have limited them just on communication and sharing but no one is thinking beyond sharing and communication. They have confined themselves over the connectivity to the internet and they don't go across internet. As internet is not available all the time to the users so we should have application that should be helpful, when we are in need.

We purposed a system in which we will be giving all the options to the users regarding communications and sharing and all the relative features , we thought that we should go ahead from these features because all the other companies like Whatsapp and we chat are focusing in just ease of communication and sharing we get an idea to enhance the features from other companies we want to develop an application in which when we will be in danger we will press a single button and a message to all the contacts in the applications would receive a message along with exact location on Google maps even if the internet connectivity isn't available.