MOBILE DANGER INFO SYSTEM (MDIS)

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SUPERVISOR’S DECLARATION

I hereby declare that I have checked this thesis/project and in my opinion, this thesis/project is adequate in terms of scope and quality for the award of the degree of Bachelor of Computer Science (Software Engineering)

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Date :

STUDENT’S DECLARATION

I hereby declare that the work in this thesis is based on my original work except for quotations and citations which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at Universiti Malaysia Pahang or any other institutions.

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ABSTRAK

ABSTRACT

Since the beginning of time, humankind has needed to confront danger that are not completely comprehended before he or she has left on a game-plan. Parents are very concerned about the safety of their children. So, being sensitive to the environment is very important to ensure their child's safety is guaranteed. Teenage children are the main pillars of the nation's development and modernization. They should be sensitive and cautious with unforeseen dangers that at any time may come. The main goal of this system to alert people about the danger that happened around them. This system will help local people to aware about recent danger. The other people who witnessed the incident allow to share the incident. Rapid Application Development (RAD) methodologies are selected to be used for the development of this project. The selected methodology use minimal planning in favor of rapid prototyping. RAD model is based on prototyping and iterative development with no specific planning involved. The life cycle consists of four phases, which are Requirements Planning, User Design, Construction, and Cutover. After development, The User Acceptance Test (UAT) is done, where actual software users test the software to make sure it can handle the required tasks in real-world scenarios, according to its specifications and implementations.
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NONE
# LIST OF ABBREVIATIONS

<table>
<thead>
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<tbody>
<tr>
<td>SRS</td>
<td>SOFTWARE REQUIREMENT SPECIFICATION</td>
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<tr>
<td>SDD</td>
<td>SOFTWARE DESIGN DOCUMENT</td>
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<tr>
<td>UML</td>
<td>UNIFIED MODELING LANGUAGE</td>
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<td>DATA FLOW DIAGRAM</td>
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CHAPTER 1

INTRODUCTION

1.1 Background Study

As the population of the country is growing day-by-day. Tremendous asset is required for the developing populace in the nation. This prompted the insufficiency of the asset and the general population begins for battling and contending each other. This prompted the expansion of wrongdoing in every last piece of the nation. This expansion of wrongdoing and culprits ought to be controlled. As we have seen that the pattern of wrongdoing are expanding in incredible sum. Police Department are not having the capacity to control the wrongdoing in all around planed way. This is all because of the spontaneous administration of the framework in the Police division. Every last officer ought to be responsible for their day by day exercises. In spite of the fact that we can't make an association with no defect, however wrongdoing can be controlled to some degree. By making the best possible examination of the wrongdoing nature and their places of events, time of events, this can controlled to some degree. For that a framework that keeps the record of the wrongdoing is required and keeping the records, as well as perception framework is expected to break down the place hazard by finding the quantity of violations and kind of wrongdoing that occurred in a specific area and specific time. Distinctive sorts of wrongdoing, for example, social violations, financial violations, and so forth happens in the city. In the event that we can mine the information identified with the wrongdoing, for example, time, put, and so forth, the wrongdoing can be limited utilizing the watching of police at that place around then.

Mobile alert for danger is then being developed in order to help many people out there to be aware about dangerous that happened around them. The safety of the locals becomes the main spur of the country. A peaceful society can form a developed nation.
So, the locals should be cautious and always aware of their surroundings. With the existence of this application, locals will be easy to know the danger that is happening around them and then take precautionary measures to safeguard the common security. This app will help locals monitor their children and their families to be cautious about areas that are likely to have a danger. Furthermore, locals who witnessed the dangerous thing were able to share the incident to the public. People who download this app will receive notifications about the dangers of the crime awaiting them.

In Kuantan, the places also have danger that happened. Some of it was happened in that area such as transgender murder. Early Thursday morning, Sameera was discovered dead with a discharge wound and her body ruined in Jalan Pasar, Kuantan, after she went out to purchase nourishment. Kuantan OCPD Asst Comm Abdul Aziz Salleh said police were considering the case important like some other wrongdoing. There is no component of detest wrongdoing in the murder of transgender lady Sameera Krishnan. The transgender murder is said not a hate crime that had happened (Nation, 2017). Not that all, raping girls. A lorry orderly was pulled under the steady gaze of the session’s court on Tuesday to confront assault charges including his two underage female neighbours’. Mohd Azhar Sharidan asserted trial to two tallies of assaulting the young ladies, matured four and eight, on two separate events at their lodging settlement of Taman Seri Mahkota Aman, Batu 11 here this year. The 25-year-old is blamed for assaulting the more youthful young lady at a water tank in the vicinity of 5pm and 7pm in May. He is additionally claimed to have assaulted the more seasoned young lady at an oil palm ranch in the vicinity of 5pm and 7pm in August (Reduan, 2017).
1.2 Problem Statement

The problems that occur among people nowadays are not alert with surrounding and harmness that might occur around them. Before develop the mobile application, it is hard for the local people to find and get danger alert that occur in Kuantan. First of all, the people had difficulty in searching danger in Kuantan. This happen because there is no assist to help the user. People will easily expose to the danger that happened nearby. Next, time consuming. Time consuming means that a lot of time will be wasted to find out the danger that happened in Kuantan. Next, people unaware of how dangerous certain places are. The make of an android app as an alert system for public can help people to know the risky of particular place. So that the public can analyse how dangerous that place and can adopt the necessary precautions. With the help of mobile danger alert it will be helpful for the people to take necessary action to control the safety in the country.

1.3 Objectives

The following are the objectives to be achieved in this project:

- To develop a mobile application that will allow users to view places with safety concerns, read report by other users, and also add report of their own.
- To integrate the application with existing navigation such as Google Map so that the user will get accurate information of location
- To test the application in terms of its efficiency to the users
REFERENCES


