



Report Writing **On** **”Crime Alert Application”**



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Crime Alert Application

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1 Abstract

“Efforts are appreciated but expecting success without efforts are foolery”-This is our motivation towards our work. We are staying in this era of technology but we are still lagging behind of technology. We are using prehistoric method still to know everyday happenings. To break the prehistoric method we have planned earlier a app named crime alert. Now we have designed and created a module of this app and started working on it. We are at the very beginning stage and so we are using C language to make it stand. We are working as we planned earlier. In our app, we have designed to have a signup page, login page, search page, home page, contact page, map page, login page. According to code, we have done the work of signup page, login page and information display page. We will work more on this. We will see the market value of this product because of the competitors. If there is any competitor then it will be challenging for us. But it is a kind of matter of joy for us as there is no competitor in this product market. So, it is a plus point for us. It is easy for us to reach people. Financial material is a must have part of any planning. Our budget will not be too high or too low. We will use and provide which is necessary. We will need financial fact while launching. So, we will take decision wisely so that later we don't face any loss. For the better outcome, we will plan to bring more feature in the app. Adding new features will create desire in people to use it. People's safety is our first priority and so we are going to work on it. Customers satisfaction is highly recommended. Hope that this safety app will see the light in real. Our creative and critical thinking brought this plan to create this app for our country people. Not lagging behind of technology else making proper use of technology will take us to the peak of the success. As success don't come at the day one so we will have to work for the one day when our success will come. We have to be confident, loyal, hardworking, dedicated towards work and believe in fate and ourselves. One day for sure our application will reach the peak of success and will be appreciated.

2 Introduction

There many unwanted crimes are happening everyday like pickpocketing, murder issues, rape issues and so on. It is a matter of sorrow that we are not knowing timely the location, the time, the risk zones. Thus, we are facing always safety issues. creating an

app which will make your safety zone easy by providing you the information of everyday happening in any area that you are going. We have found a solution for this. In this modern era, we are lagging behind of technology. To secure ourselves we're still using prehistoric method. Common people face many unwelcoming incidents. With the help of the technology we have planned, designed to develop this app CRIME ALERT. Crime Alert will notify people about the criminal activities of any area and what kind of crimes are currently happening on that places. While using this app, common people will be notified of danger zone areas, anyone can do emergency call whenever it's needed. To stay sound and safe, people can use this app to get alerted about the crimes and law enforcement agencies also can use this app to make sure the safety of common people by providing the crime issues immediately with the real time location. We are doing very well on this technological era but still we are not developing or making our skills helpful for the wellbeing of our country and country people. A noble work should be done always, no matter who is the owner, people just have to start. Let's see an example. Suppose one of our friends have come Dhaka from a rural area and staying in Mohammadpur. It is obvious that the friend won't know the security issues of that area. He can anytime face any crime incident like pickpocketing which is very common in Dhaka city. So, what can be the solution? As we all use smartphone and we all use data so, a safety app can help him to know the crime issues and if he faces anytime any issue then he can communicate with the emergency helpline just by tapping on the smartphone. There is no valid reason for not giving priority to the crime issues. Everyone's life is precious, every people deserve to live happily. To have a safe life outside, this app is going to give you the feel of safety. If one issue can be stopped by this, one day everyone will feel easy to go outside safely. Starting the work of building this app is one kind of challenge for us. Seeing dream and make the dream happening is a great thing. Hard work and dedication are must. Then, fate will one day make it happen for sure. So, working should be continued no matter what comes on the way.

3 Brief Background

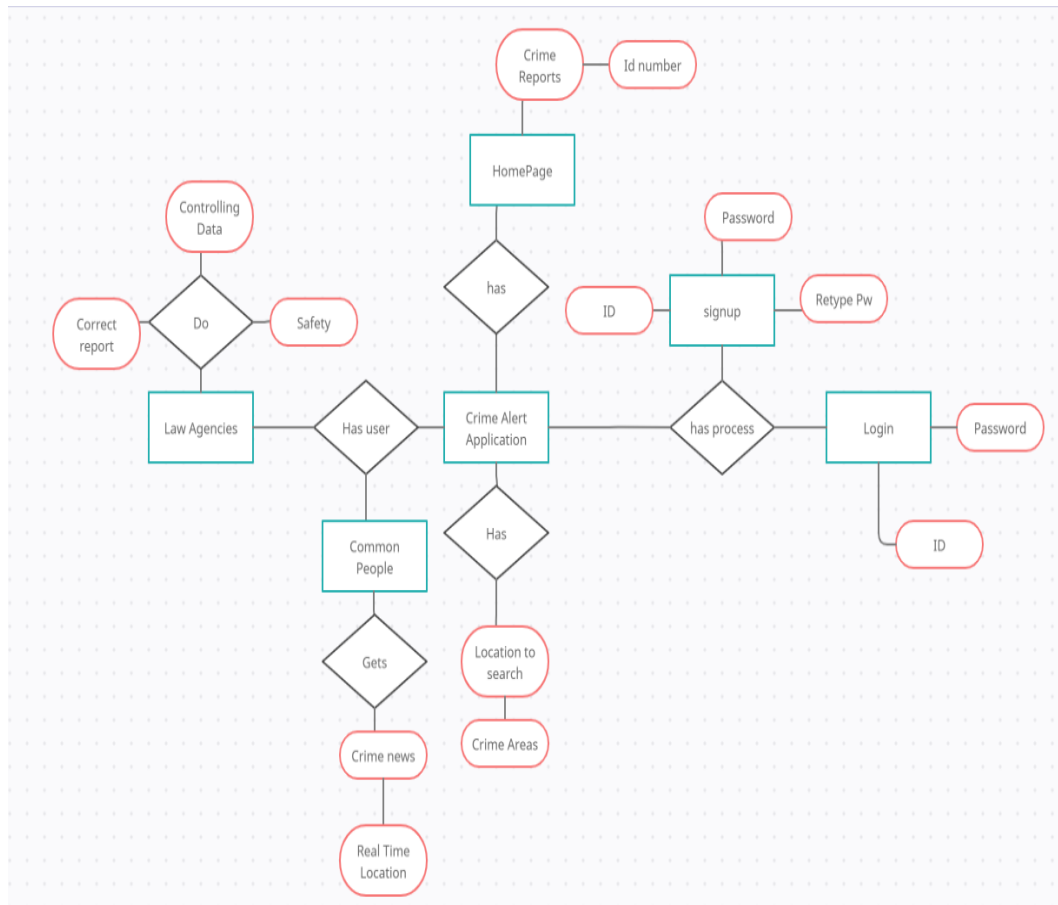
Problem Statement: Human beings are facing many obstacles like crime nowadays. They are unaware of red zone areas and which crime are happening increasingly. To make common people secure, a proper step is must to take. **Solution Statement:** It is obvious that people are concerned of their family members well-being. They feel unsafe when their close ones stay outside. To make them relief, a mandatory step should be taken. Here comes our product "Crime Alert" with some features which will notify common people of danger zone areas and they will be up to date of current incidents. **Target:** Our target is to let people notified of red zone areas, so that if they go to those areas, they can stay alerted. Information of daily crime activities will make common people alerted more. Law agencies will provide information for the wellbeing of people. **Importance:** Who doesn't want a safety measurement? This product will give service as a safety measurement. Because everyone wants to be safe wherever they go and every family member wants to see their children, their other family members staying safe. **Necessity:** An issue should be prevented before it went out of control.

For not making it worse, this product is highly recommended to use. Target:

- Knowing red zone areas
- Daily incidents information
- To get instant notification
- Law agency will provide the information
- For the safety issue
- For instant emergency calling

* User Friendly: The plan of internal technical uses is our first concern as this app should have:

- C language internal coding programming
- Easy to use/operate
- Easily getting information time to time.
- Always on monitoring.



4 Methodological Procedure

```
"C:\Users\asus\OneDrive\Documents\myc\final sp2 project.exe"
Crime Alert Pages:
1. Signup
2. Login
Enter signupid
11716
Enter signuppasword
13935
Enter retypesignuppasword
13935
Signup is done
Enter login id
14134
Enter password
20115
Crime Alert Login is successfull
Enter 1 number Crime record:
Crime name is: Theft
Enter id: 21
Enter 2 number Crime record:
Crime name is: Pickpocket
Enter id: 22
Enter 3 number Crime record:
Crime name is: Hijack
Enter id: 23
Displaying Crime record:
Crime name is Theft
id is 21
Crime name is Pickpocket
id is 22
Crime name is Hijack
id is 23
List to display insertion and delete of same data
Showlist
1. Insert
2. Delete
3. Display
4. Exit
Enter your choice: 1
Enter the id to be insert: 21
Id is Inserted Successfully!!!
Showlist
1. Insert
2. Delete
3. Display
4. Exit
Enter your choice: 2
Deleted element: 21
Showlist
1. Insert
2. Delete
3. Display
4. Exit
Enter your choice: 3
Queue is Empty!!!
Showlist
1. Insert
2. Delete
3. Display
4. Exit
Enter your choice: 4
Process returned 0 (0x0) execution time : 130.498 s
Press any key to continue.
```

There will be many features as it is a safety app.

*** As this is the very beginning stage of this proposed proposal, the use of programming in C language is done here such as loop, structure, queue and many functions to operate. The output are shown in the attached images. Now I am elaborating the features below.

- Signup/Login: When anyone will open the application that person will be asked to sign up or login. One must sign up at first to use the app. To sign up the person needs to give the information which are mandatory to give. After signing up, one can use this app. Later, who signed up earlier, he/she can login by giving the information he/she already gave while signing up.

Point to be noted, only law enforcement agencies with authentic email address can deliver information in this app.

- Homepage: After signing in properly users will find the homepage. All the information needed to ensure safety is given in this app. From daily incident news to real time map, emergency contacts to call by a single tap in time of danger and so on.

- Search Page: The search page will allow you to search everything related to safety features in this app. Like nearest police station and emergency helplines.

- Map: The real time map feature will help to show the danger zones during day or night time or any time. It will send a notification whenever you enter in an area that is not safe.

- Contact Page: In the contact list all the necessary emergency numbers will be added to ensure safety in times of danger.

- Notification Page: Users will be notified about everything happening around them. If anyone misses any notification then the reminder will always keep reminding that you need to be alerted.

- Logout Page: This page shows the features and anyone who wants to log out, can log out and later can login by giving the login information.

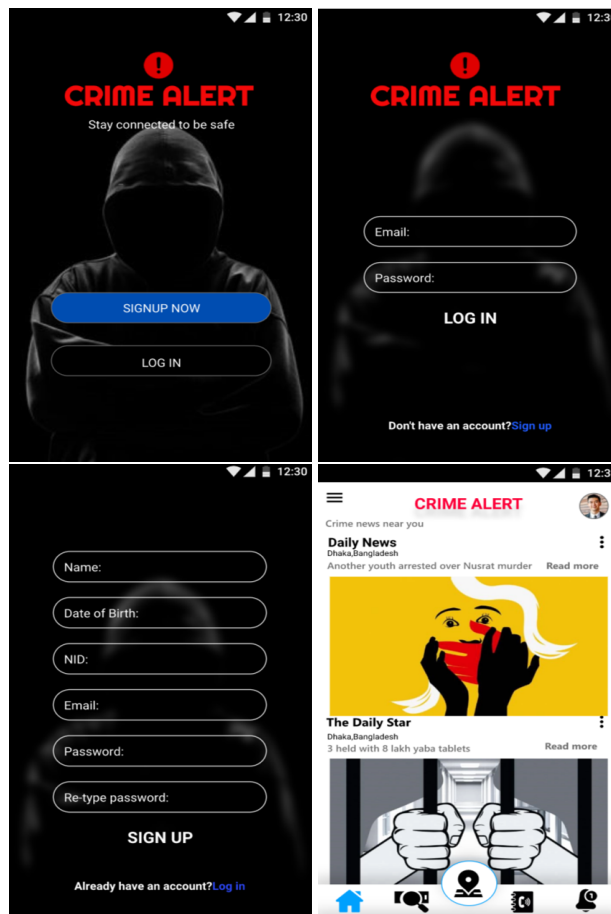
We are using C to develop and create our application at this very first step and we think we can do well and make the application according to our plan and module that we made. Hoping for the best outcome through our work to make a stand of this safety application.

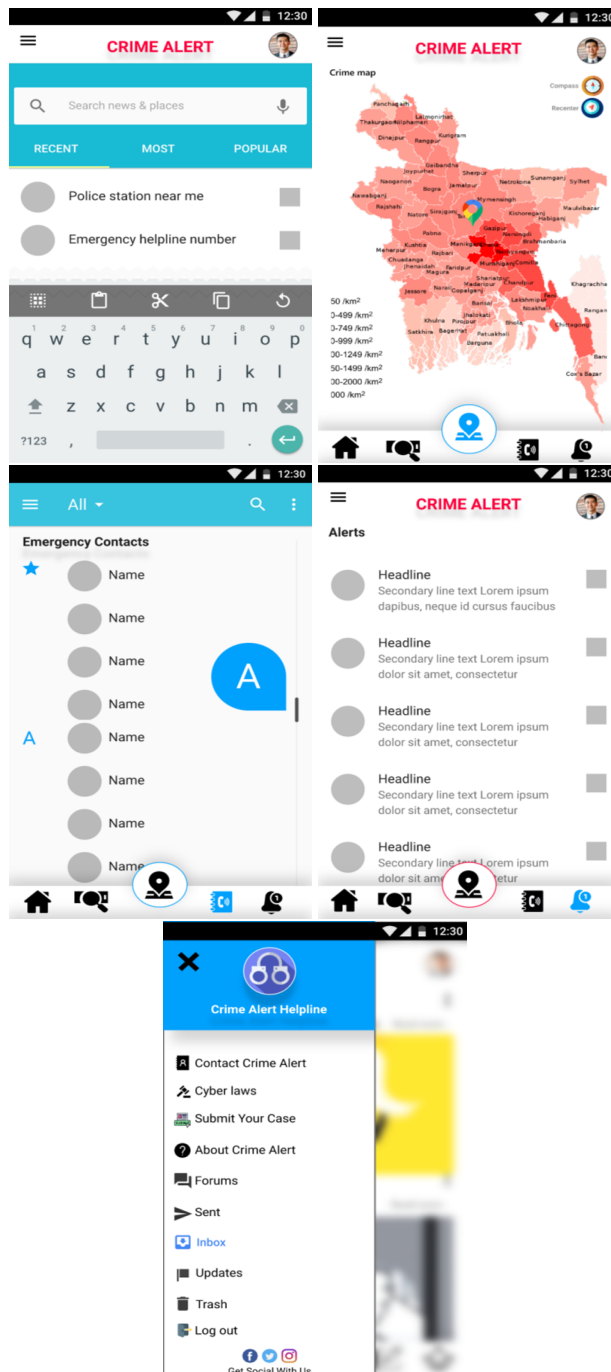
5 Evaluation

Now coming to the question that will our project find its expected result? Will people use this app? The success or expected result of our project is dependent on how we are presenting our product to people. If we become successful in showing the importance and usefulness of our product, we will definitely gain our expected result. As we have presented our beginning part's code earlier, we showed there how our code is working. User friendly things are always appreciable and we are trying to make it user friendly. According to our till now work, we created our login page and it runs smoothly. We created sign up page and that also runs smoothly. We created a sequenced theme to display the title of the issue, the subject and we also gave id to each information so that it can be appeared more specifically. If we notice on our market place, we can surely say that there is no product that can be compared with us and it is a big opportunity for us to give our country people this kind of app and we can give a challenge in this technological market. After publishing our product, we will face many competitors and that is not the matter to be tensed. Our smart move will make our place always strong. We will keep some of our ideas among us so that we can develop our app time

to time and if any competitor comes then we will give many unique features so that the opponents can't even stand in front of us.

** There is a prototype design has been done to make the progress of the application by us.





The designs are the target for the progress of future work.

6 Conclusion and Future Work

GROWTH BY ESTIMATION :

- Monitoring the consumption when it will be launched first.
- Noticing if we are facing loss or not.
- Assumption of public demand.
- Knowing if we have any competitor or not.

How we will deal with the growth. Well, everything has a starting point. We will monitor the consumption at first to know if we have any possibility of facing loss. How many positive responses we are getting from the public is also our priority to do better if anyone starts competition with us. As financial material is a big issue here so we will put a flexible range of money at the beginning of work. We will divide the proposed money when we will launch the app. In this way we will be able to know if our strategy is okay or not. If our product sees the light then there will be many opportunities for the people. As we will need employers for any issue that we have to fix like bug fixing, software issues solving, interface changing and so on. As law enforcement agencies are our first target to use this app, this will surely attract many companies and that will be our strategy to have our product in market places. Our future work will come according to our user's interest in order to give a better feedback. Though we have a plan, I am writing below:

* Android Studio will be used by us to make the app more well looked so that one can have a feel like the app is actually a userfriendly application.

* Adding NID number feature in sign up page so that none can do misuse of this app.

* A feature like sending instant voice message or pictures through back camera or front camera to the nearby police stations even if one is unable to call directly.

* People's safety is our first priority and so we are going to work on it. Customers satisfaction is highly recommended. So, knowing the satisfaction of users while using this app, one must have to give a feedback of all feature.

* We will make a system of a must doing work which is giving feedback. One can't do logout before giving feedback and we will add this system. Not only these, there will be many features further in future. For now, working on our planning basis is the effective way to reach the goal.