



**A Project Report
On
Android based application**

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Project Supervisor

Md. Ebrahim Hossain

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Department of Computer Science and Engineering

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APPROVAL

This project “**Annonymous Complain App**” is submitted by Md. Ashiqur Rahman, Abdul Ahad & Md. Shahnewaz Khan respectively to the department of computer science and engineering, Leading University, Sylhet has been accepted as satisfactory in partial fulfillment for the partial requirement of the Degree of Bachelor of Science in Computer Science and Engineering as to its style and contents.

Approved By

Md. Asaduzzaman Khan
Assistant Professor, Head(Acting)
Department of Computer science and engineering
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Declaration

We do hereby announce that the internship work incorporated in this project entitled “Anonymous Complain app” has been done by us under the supervision of Md. Ebrahim Hossain, Lecturer, Department of Computer Science and Engineering, Leading University, Sylhet. We also declare that neither this internship has been submitted elsewhere for the award of any degree or affiliation.

Acknowledgement

At first, we would like to thank our almighty Allah, who gave us the opportunity to accomplish this project successfully. Every project large or small is successful completely due to the effort of a number of wonderful people who have always given their valuable advices or a helping hand. We sincerely appreciate the inspiration, support and guidance of those peoples who have been instrumental in making this project a success. So we would want to special thank our supervisor Md. Ebrahim Hossain and Md. Asaduzzaman Khan Assistant Professor and Head of the Department of CSE for their supervision. Without their help, guidance and inspiration we could not able to solve the difficulties of this project.

Now we would like to thanks all other teachers of CSE Department for their morally supportiveness. We would also like to thanks all the students of CSE Department for helping hand and inspiration. At last we submit our gratefulness to those peoples who helped us by sharing their knowledge, advice and expertise during this project.

PROJECT PROPOSAL

Proposal for the project impartial fulfillment of the requirements for the Degree of Bachelor of Science in Computer Science and Engineering

Project Title: “Anonymous Complain app”.

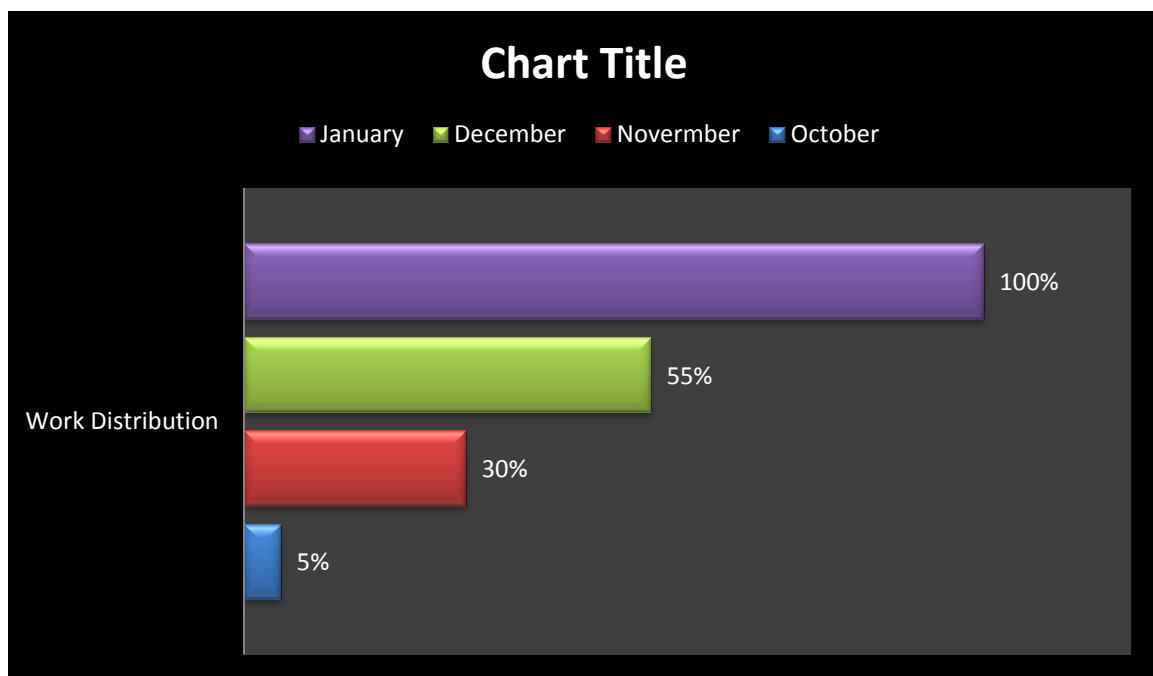
Date of Submission: 3rd October, 2016

Project Supervisor:

Md. Ebrahim Hossain
Senior Lecturer
Department of Computer Science and Engineering
Leading University, Sylhet.

Work Plan

We need to complete our project in time that's way we justify time schedule in weeks. We also have planned for some additional time for editing and implementing the necessary documents.



Supervision Agreement

The outlined in this project is required for the Degree of Bachelor of Science in Computer Science and Engineering. The supplies and facilities that we needed are available and we are willing to supervise and evaluate the project work.

Project Supervisor:

Signature

Md. Ebrahim Hussain
Senior Lecturer
Department of Computer Science and Engineering
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Students: signature

Name: Md. Ashiqur Rahman (1412020041)

Name: Abdul Ahad(1412020039)

Name: Shahnewaz Khan(1412020035)

Abstract

The goal of the projects is to develop an android application in the form of online anonymous complain app which can be accessed via internet. The app will provide an anonymous complain to the authority of institution.

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Why android platform

Nowadays, android platform is most common platform among all ages people. Everyone finds it easy to use. Let's see a comparison between android and iphone in UK.

Why UK users chose Android or iOS		
UK users	iOS	Android
Design	13.1	10.9
Colour	1.0	0.7
Hand Brand	18.4	6.3
Ease of use	8.3	9.0
Multimedia capabilities	30.0	20.3
Cost of tariff	6.6	17.6
Network Operator	1.5	4.1
OS Brand	5.4	14.2
Applications available	11.5	5.6
Cost of mobile phone	2.7	9.1
Free gift with the phone	0.3	0.2
Other	1.0	2.1

Fig: Comparison between android and iphone

What's interesting here is where Android trumps iOS. First, ease of use. There's not much between the two operating systems in this category but it's still interesting that Android beats iOS in this category, especially given how hard Apple works to make the iPhone easy to use.

The higher scores in the plan (tariff) costs and network operator categories are interesting. What this suggests to me is that OEMs and carriers are working hard to offer better deals for Android handsets.

SYSTEM REQUIREMENT

To develop our application we needed some specialize compiler to support our required object oriented language. For this we used the following kinds of tools software:

- **Android Studio v2.2**
- **JSON**
- **Java**
- **php (laravel framework)**
- **XML**
- **Postman**
- **MySQL**
- **Git(Bit bucket)**
- **MS Word**

Naming

The name of our application is **Anonymous Complain app**. Our main intention is develop this application for those user who cannot complain because of fear of getting identification so that user can easily give their complain through this app. Primarily, this app is only for our department.

Anonymous Complain app

Models:

Use case diagram

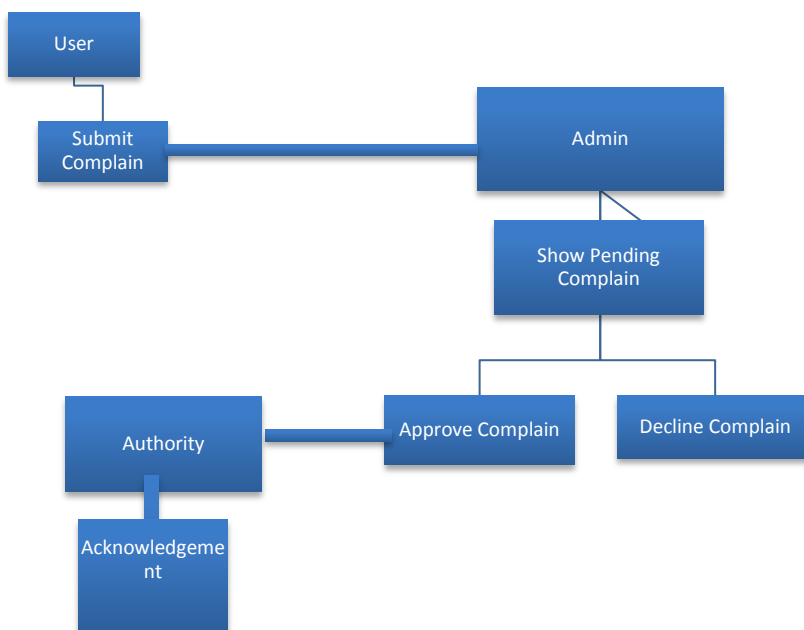


Fig: Use case diagram

Data flow diagram

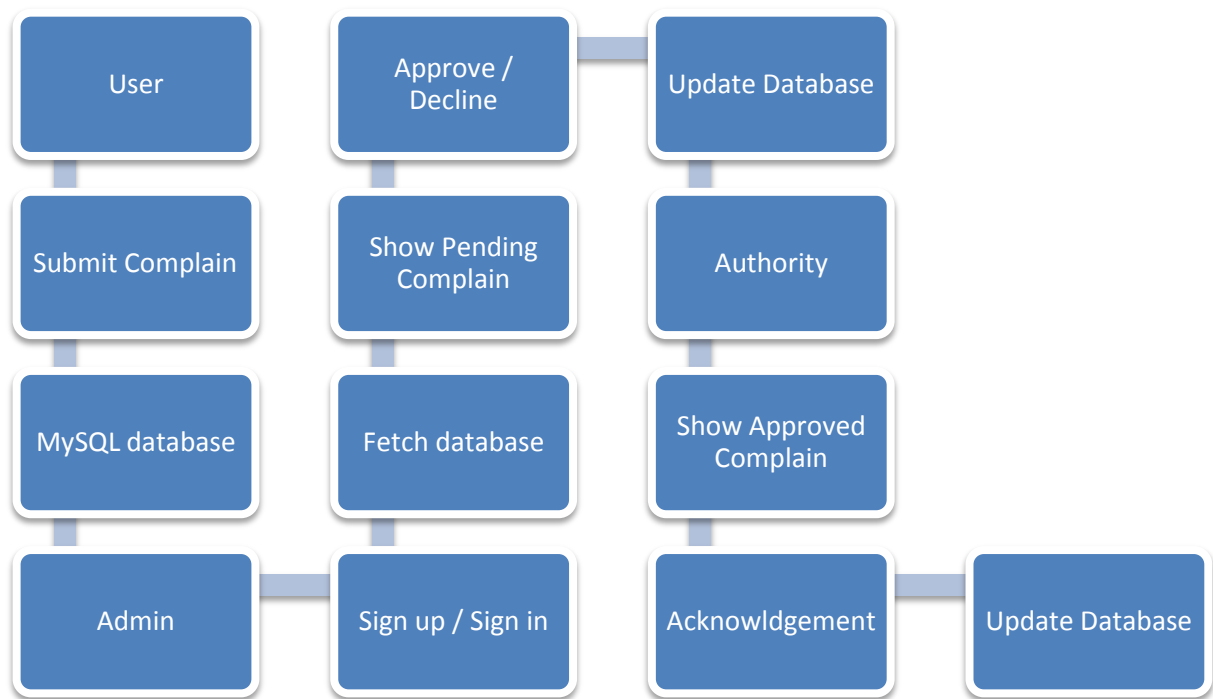
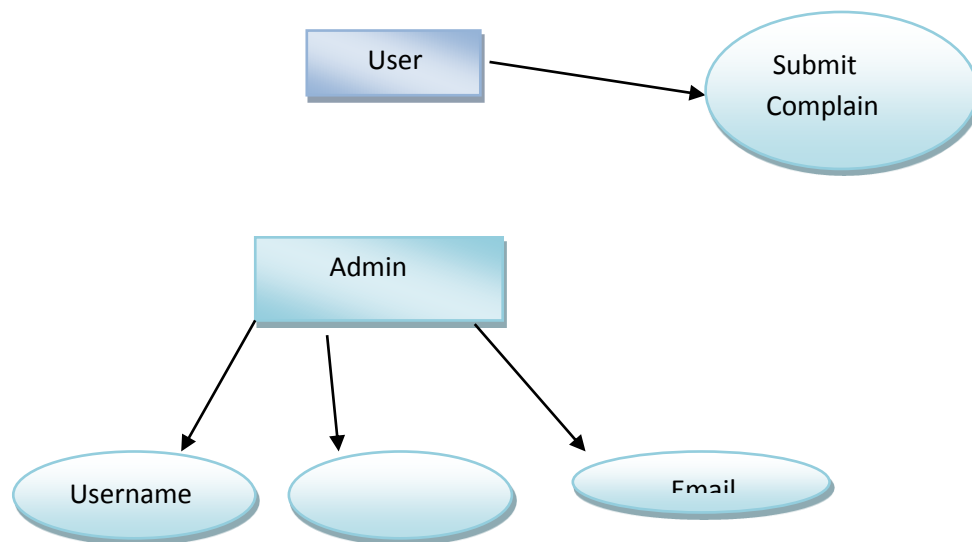


Fig: Data flow diagram

ER diagram

Fig: E-R Diagram



Anonymous Complain app

Advantages

- An user can submit their complain to the authority without any fear.
- There will no fear of identification.
- Authority will be informed about the complain of institution through this app.
- An user can give proof of their complain so that authority easily solve the problem.

Limitations

1. It demands certain of android OS version.
2. It is developed only for android operating system.

Future Plan

1. To make a complete app with all kind of academic guidance.
2. Near future we will add some features like adding picture, videos etc for proof of their complain.
3. There will be a pull system for support to the complain.
4. Increase technologies compatible (iOS, windows).

Anonymous Complain app

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7. Used Stackoverflow platform a lot. While having some problem browsing stackoverflow is very easy to find solution.