

TO: Brian Bird



LCC Software Development Group  
4000 E 30th Ave, Eugene, OR 97405  
(Academic Proposal - Not Real Entity)

## INTERNAL MEMO PROJECT PROPOSAL

Revision 2 - 11.11.2018

NOT FOR  
GENERAL PUBLIC RELEASE

**Prepared by Robert Moore**

### Android Application : Complaint Department

#### *1. Introduction and purpose:*

LCCSDG "Complaint Department" application is a satirical communications tool. It's features would include a repository of complaints, automatic resolution, and online synchronization with web counterpart. The application would utilize android devices including phones and tablets.

#### *2. Background:*

Through the quadrennial review of the LCCSDG department complaints received I believe we can ignore all future complaints. Instead of actually processing the near 0 complaints we receive, we could gain some positive attention by making fun of the fact that we receive no complaints.

#### *3. Plan:*

**Securing Proper Equipment:** Prior to writing this time of this proposal I have put in an acquisition request for a development workstation that supports rapid building of android applications. This unit comes from my discretionary department fund and will also serve other department functionality. The unit specifications of the unit are below.

iBUYPOWER Gaming Desktop PC Intel i7-8700 3.2Ghz, AMD Radeon RX 580 4GB, 16GB DDR4 RAM, 2TB HDD, Intel 16GB Optane Memory, WiFi, Win 10 Home, View21 013f<sup>(1)</sup>

The key spec in this equipment is “Intel i7-8700 6-Core Processor 3.20 GHz (4.60 GHz Max Turbo)”.

<sup>(2)</sup> This processor supports Intel Virtualization Technology (VT-x) as well as Hyper-Threading Technology. This will give us the ability to rapidly fully emulate the android OS while emulating various device types and screen sizes.<sup>(3)</sup>

**Application Development Prototyping** At first glance this is the rough overview of the class logic required for the application.

### Class Diagram



### UI Wireframe Mockups

## Home Screen



09:11 AM

### Complaint Department

Already have an account?

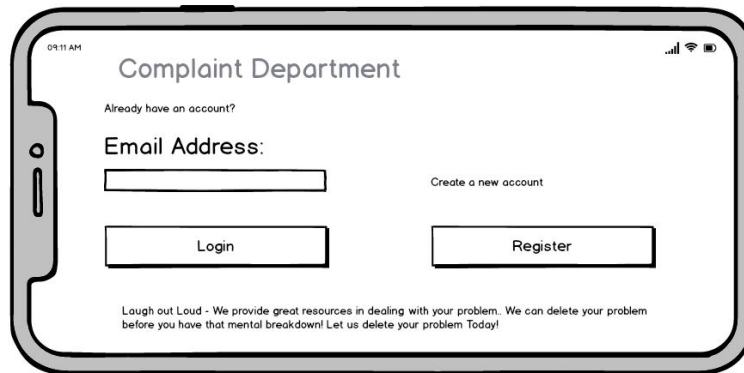
Email Address:

Login

Create a new account

Register

We process over 0 million complaints per second!



09:11 AM

### Complaint Department

Already have an account?

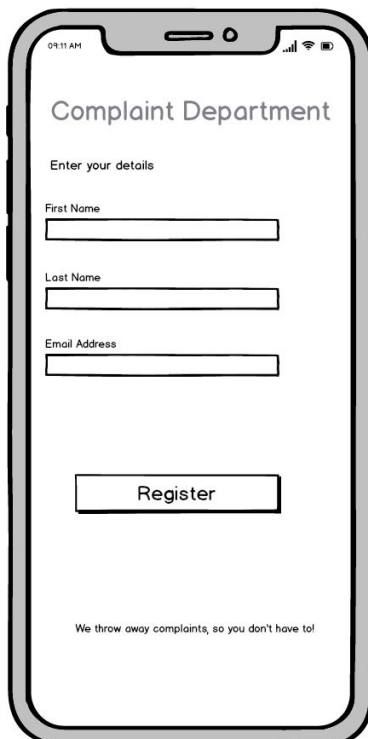
Email Address:

Create a new account

Login Register

Lough out Loud - We provide great resources in dealing with your problem. We can delete your problem before you have that mental breakdown! Let us delete your problem Today!

## Register Screen



09:11 AM

### Complaint Department

Enter your details

First Name

Last Name

Email Address

Register

We throw away complaints, so you don't have to!



09:11 AM

### Complaint Department

Enter your details

First Name

Email Address

Last Name

Register

Your complaint is our lowest priority! We will assign no one to your complaint as fast as possible!

Complaint Screen

09:11 AM

Complaint Department

No spacefood in cafeteria

We want spacefood!

Bleh bad . Good .

Things

Resolution pending;

11/11/2018 9:01 PM

Salt is too salty

Door is too thick

Add Complaint

09:11 AM

Complaint Department

No spacefood in cafeteria

We want spacefood!

Bleh bad . Good .

Things

Resolution pending;

11/11/2018 9:01 PM

Salt is too salty

Add Complaint

## Add Complaint

Complaint Department

Subject

Complaint Details

Add Complaint

Server Status: Non Existent

Complaint Department

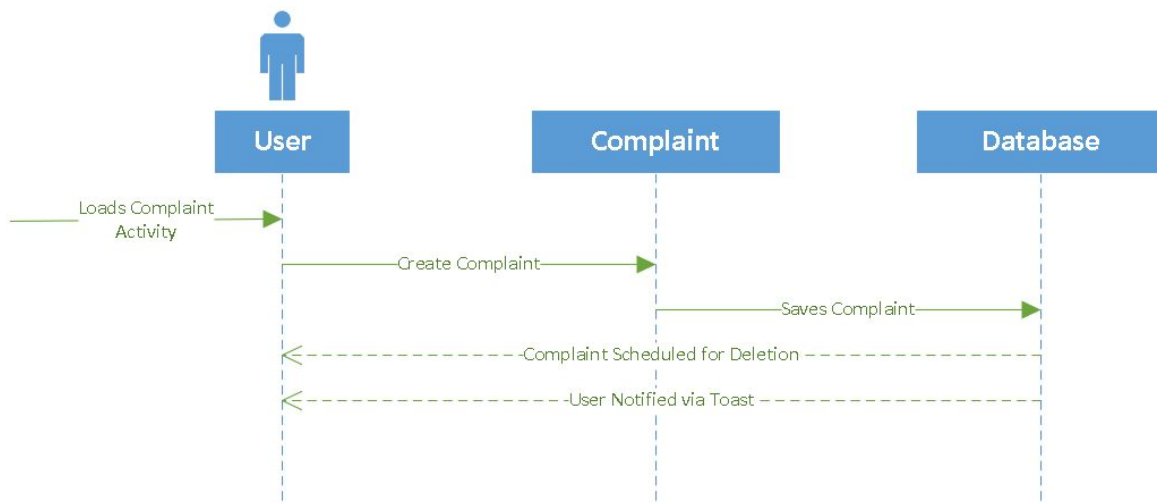
Subject

Add Complaint

Server Status: ALIENSI

## Complaint Sequence Diagram

Sequence Diagram  
Optimal Complaint Submission  
11/11/2018



## 4. Timeline:

Event	Estimated Time Required
Secure Proper Equipment	1 week - Completion (11/18/2018)
Create Layouts	1 Week - Completion 11/25/2018
Write code	1 Day - Completion 11/26/2018

## 5. Summary of Qualifications

**I will be a huge asset in this development project.**

I have years of experience in cross referencing large data sets to determine data driven actionably significant indicators. I have personally been responsible for the vetting of millions of data points, both in the context of identifying false data, as well as putting good data to beneficial use.

Along with my previous roles as Vice President of National Society of Leadership and Success and National Engaged Leadership Award (NELA). Through these two roles I will be able to provide both the management and technical know how to complete the project.

## 6. References:

(1) "IBUYPOWER Gaming Desktop PC Intel i7-8700 3.2Ghz, AMD Radeon RX 580 4GB, 16GB DDR4 RAM, 2TB HDD, Intel 16GB Optane Memory, WiFi, Win 10 Home, View21 013i." Amazon, Amazon,

[www.amazon.com/gp/product/B07BDQTFDF/ref=oh\\_aui\\_detailpage\\_o00\\_s00?ie=UTF8&psc=1](http://www.amazon.com/gp/product/B07BDQTFDF/ref=oh_aui_detailpage_o00_s00?ie=UTF8&psc=1).

(2) "Intel® Core™ i7-8700 Processor (12M Cache, up to 4.60 GHz) Product Specifications." Intel® ARK (Product Specs),

[ark.intel.com/products/126686/Intel-Core-i7-8700-Processor-12M-Cache-up-to-4-60-GHz-](http://ark.intel.com/products/126686/Intel-Core-i7-8700-Processor-12M-Cache-up-to-4-60-GHz-).

(3) Conceptdev. "Hardware Acceleration for Emulator Performance (Hyper-V & HAXM) - Xamarin." Microsoft Docs,

[docs.microsoft.com/en-us/xamarin/android/get-started/installation/android-emulator/hardware-acceleration?pivots=windows](https://docs.microsoft.com/en-us/xamarin/android/get-started/installation/android-emulator/hardware-acceleration?pivots=windows).