# STUDENTS CENTER

Web base solutions for all Students

MD FAISAL AKBAR
NANDITA DEV
RUHUL AMIN
MIS, CCNY
**DECEMBER, 2016**

# Students Center

http://studentscenter.tk/

December, 2016

Md Faisal Akbar
Nandita Dev
Ruhul Amin

Submitted to
Instructor: Hesham Abdel-Malik Auda
MIS, CCNY

# Table of Contents

**Contents** Page


1. Introduction 5
   - 1.1 Purpose 5
   - 1.2 Scope 5
   - 1.3 Definitions, acronyms, and abbreviations 6
   - 1.4 References 7
2. Overall description 7
   - 2.1 Product perspective 7
   - 2.2 Software Requirements Specification 8
   - 2.2.1 Apply For 8
   - 2.2.2 Test and Exam 9
   - 2.2.3 Students Forum 9
   - 2.2.4 Ecommerce 10
   - 2.2.5 Counselling 11
   - 2.2.6 Resources 11
   - 2.2.7 Contact Us 12
3. Update Information 12
   - 3.1.1 Necessary Tools and Programming Language 12
   - 3.1.2 MySQL database 13
   - 3.1.3 Insert information's to database 14
   - 3.1.4 Search Colleges and Universities 18
   - 3.1.5 Search Counselor 18
   - 3.1.6 Bootstrap 19
   - 3.1.7 Live Chat 19
4. Coding 19
   - 4.1.1 Insert information's to MySQL database 20
     (Similar Coding- Undergraduate, Graduate, Counselor Information)
   - 4.1.2 Fetch Data from MySQL database 24
     Similar Coding for Search Colleges and Universities
     -For upcoming Undergraduate students
     -For upcoming Graduate Students
     -To Search Counselor
5. Big Data and Students Center 26
6. Review
   - 6.1.1 Students Center (Team-3) Review by Team 2 (Crime Stoppers) 27
   - 6.1.2 YAW Money (Team-4) review by Students Center (Team-3) 28
   - 6.1.3 Crime Stoppers (Team-2) SQA by Students Center (Team-3) 29

## Contents

6. Updated and New Links (visit: http://studentscenter.tk/ )

- Apply For>Undergraduate
  http://studentscenter.tk/ > Apply For>Undergraduate
- Apply For>Graduate
  http://studentscenter.tk/ > Apply For>Undergraduate
- Search Counselor
  http://studentscenter.tk/ >Counselling>Search Counselor

Administrative (Password required for public access)

http://studentscenter.tk/ >Resources>Administrative

- Add College information for to database- undergraduate students
- Add College information for to database- graduate students
- Add Counselor information to database

# 1. Introduction

This section gives a scope description and overview of everything included in this document. Also, the purpose for this document is described and a list of abbreviations and definitions is provided.

## 1.1 Purpose

The purpose of this document is to present a detailed description of the Students Center project. It will explain the purpose and features of the website, the interfaces of the website, what the user will do.

## 1.2 Scope

The "Students Center" is a Web based platform which helps students to find any kind of study related information and solutions.

This website is designed to assist the students by providing tools to do following activist:

a. Easily a student can find all kind of information for admission by College or University name, GPA, SAT, ACT, GRE, STATE or ZIP code.
b. Able to know college or universities tuition fees, funding, and availability of scholarship.
c. Can find counselor information by Name, STATE or ZIP code. Also make appointment with counselor.
d. Can find list of universities by state.
e. Able to know everything about all types of Standardized Test.
f. Can discuss any kind of problem with other students or counselor through Students Forum.
g. Students, parents or counselor can give their feedback to improve Students Center supports by survey feature.
h. Able to contact with Students Center team via live chat or contact form.
i. Sell or buy study materials.
j. Get free tutorials.
k. Get free eBooks.

In addition, Colleges and universities admission Centre can add their college or university information to our database. Also counselor can add their contact details to the database.

## 1.3 Definitions, acronyms, and abbreviations

| Term | Definition |
|---|---|
| User | A user can be a student, counselor and parents. |
| Admin/Administrator | Students center team members are the part of Admin. College and counselor can add their specific information through our administrative panel added in the website. [1] |
| Xampp | XAMPP Apache + MariaDB + PHP + Perl. Xammp in an open source cross-platform web server solution stack package, interpreters for scripts written in the PHP and Perl programming languages, and is use to create MySQL database. [2] |
| Brackets | An open source code editor for web designers and front-end developers. [3] |
| HTML | HyperText Markup Language (HTML) is the standard markup language for creating web pages and web applications. [4(a)] |
| CSS | Cascading Style Sheets (CSS) describes how HTML elements are to be displayed on screen, paper, or in other media. [4(b)] |
| JavaScript | To build interactive websites. [4(c)] |
| PHP | PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages. [4(d)] |
| MySQL | MySQL is the most popular database system used with PHP. [4(e)] |
| Ajax | Asynchronous JavaScript and XML (Ajax) allows web pages to be updated asynchronously by exchanging small amounts of data with the server behind the scenes. This means that it is possible to update web page without loading. [4(f)] |
| jQuery | jQuery is a fast, small, and feature-rich JavaScript library. [5] |
| Bootstrap | To create one framework for every device. [6] |
| FireFTP | FireFTP is a free, secure, cross-platform FTP/SFTP client for Mozilla Firefox which provides easy and intuitive access to FTP/SFTP servers. [7] |

### 1.4 References

[1] http://studentscenter.tk >Resources>Administrative

[2] https://www.apachefriends.org

[3] http://brackets.io/

[4][ (a)-(f)] http://www.w3schools.com/

[5] https://jquery.com/

[6] http://getbootstrap.com/

[7] http://fireftp.net/

[8] Student Enrollment and total colleges information: http://nces.ed.gov/

### 1.5 Overview

The next chapter, the Overall Description section, of this document gives an overview of the functionality of the product. It describes the informal requirements and is used to establish a context for the technical requirements specification in the next chapter.

The third chapter, Requirements Specification section, of this document is written for the developers and describes in technical terms the details of the functionality of the product.

## 2. Overall description

This section will give an overview of the whole website.

### 2.1 Product perspective

This website consist of seven parts shown in diagram (Figure 1). We will discuss each use case of each part in the next section.

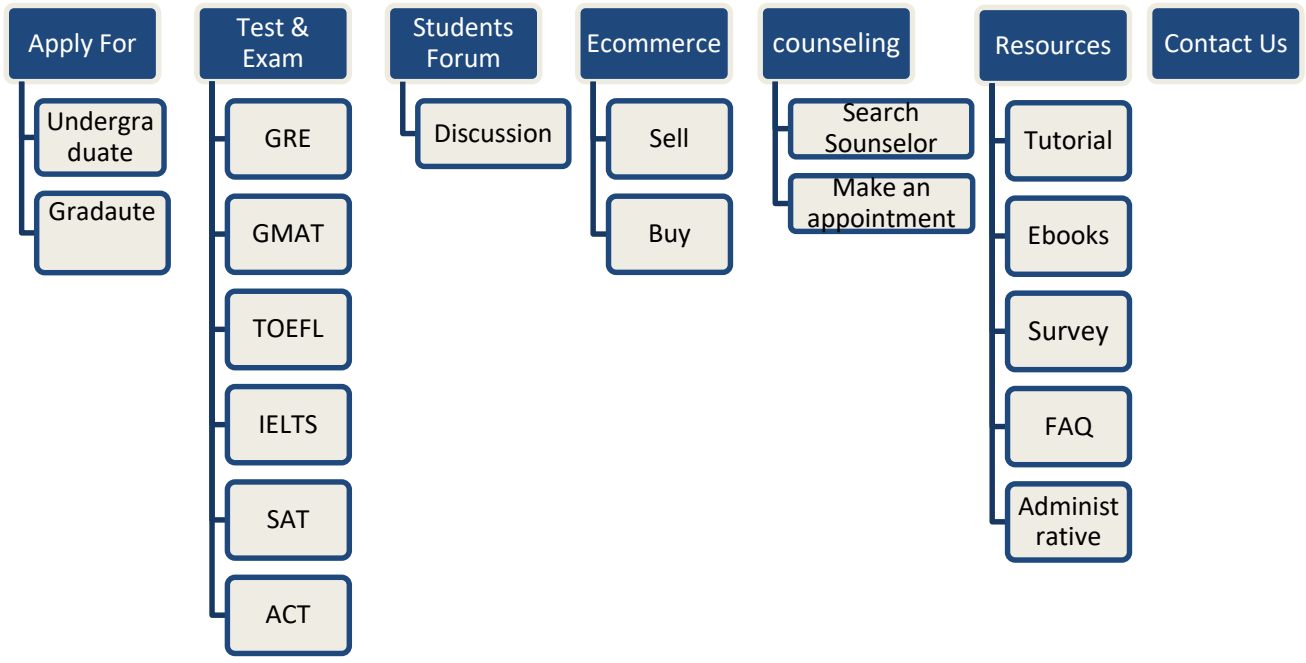


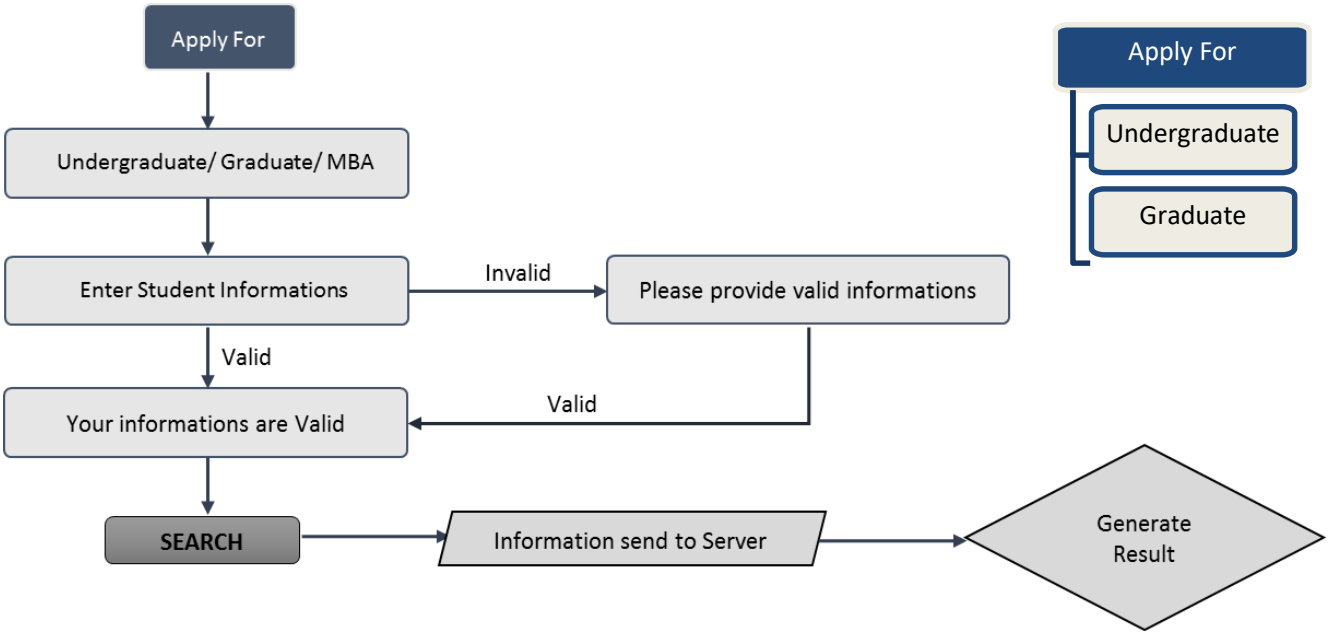

Figure: Diagram of Students Center Website

## 2.2 Software Requirements Specification

This section outlines the use cases for each of the website section separately. The apply for, the test and exam, students forum, ecommerce, counselling and contact us.

### 2.2.1 Apply For

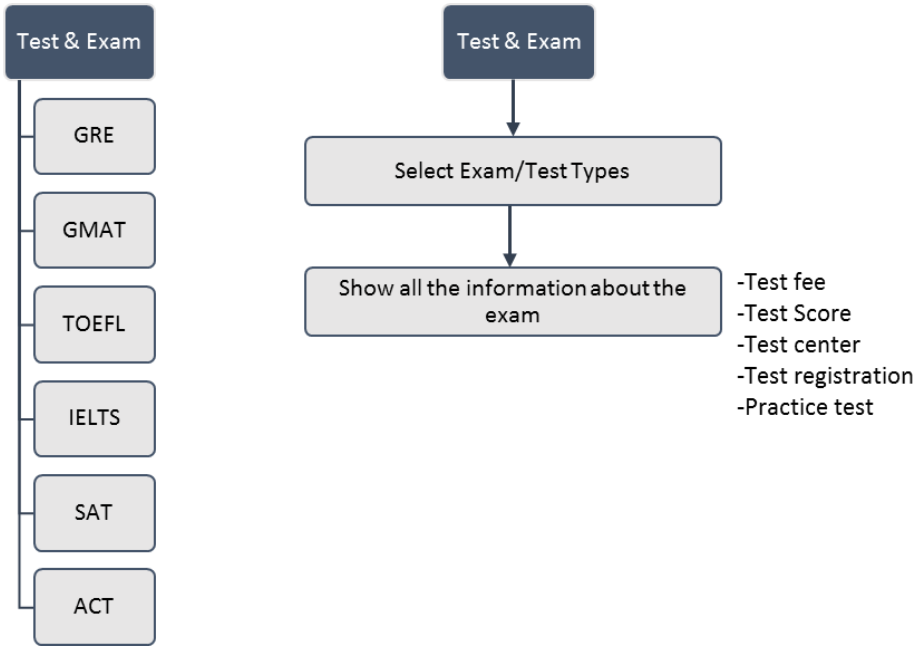
Apply for Use Case diagram:




**Brief Description:** Upcoming undergraduate and graduate students can enter their information's like GPA, SAT, ACT, GRE Score, preferred state. The system will verify the validity of the information. If invalid information's were entered, system will tell you "Please provide the valid information's". Then if user press the Search button, information's will be sent to server. Matching information's will be generated from the server and displayed to the user.

### 2.2.2 Test and Exam

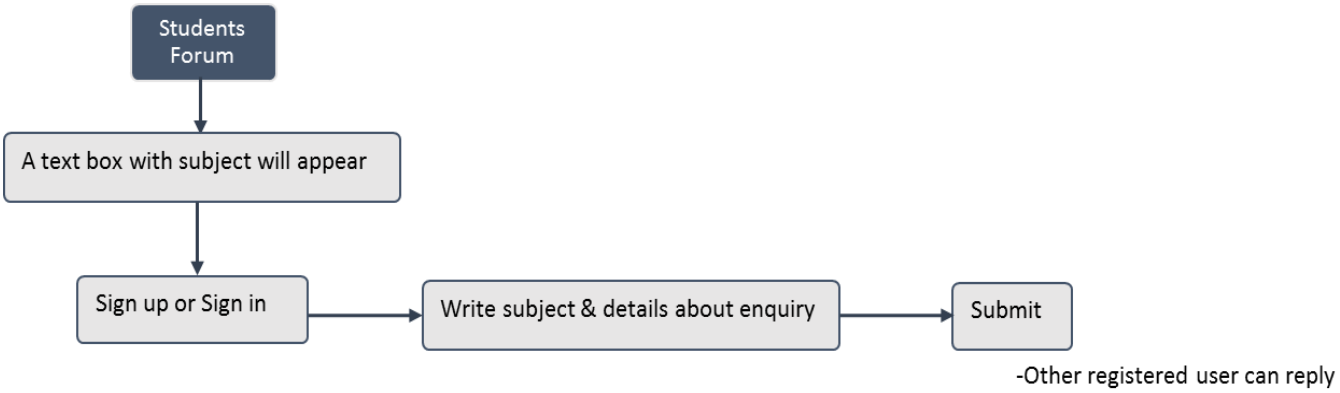
Test and Exam Use Case diagram:




**Brief Description:** Students will be able to know details about different types Standardized Test such as test fee, test score, test center, test registration. Students also can participate in free practice test.

### 2.2.3 Students Forum

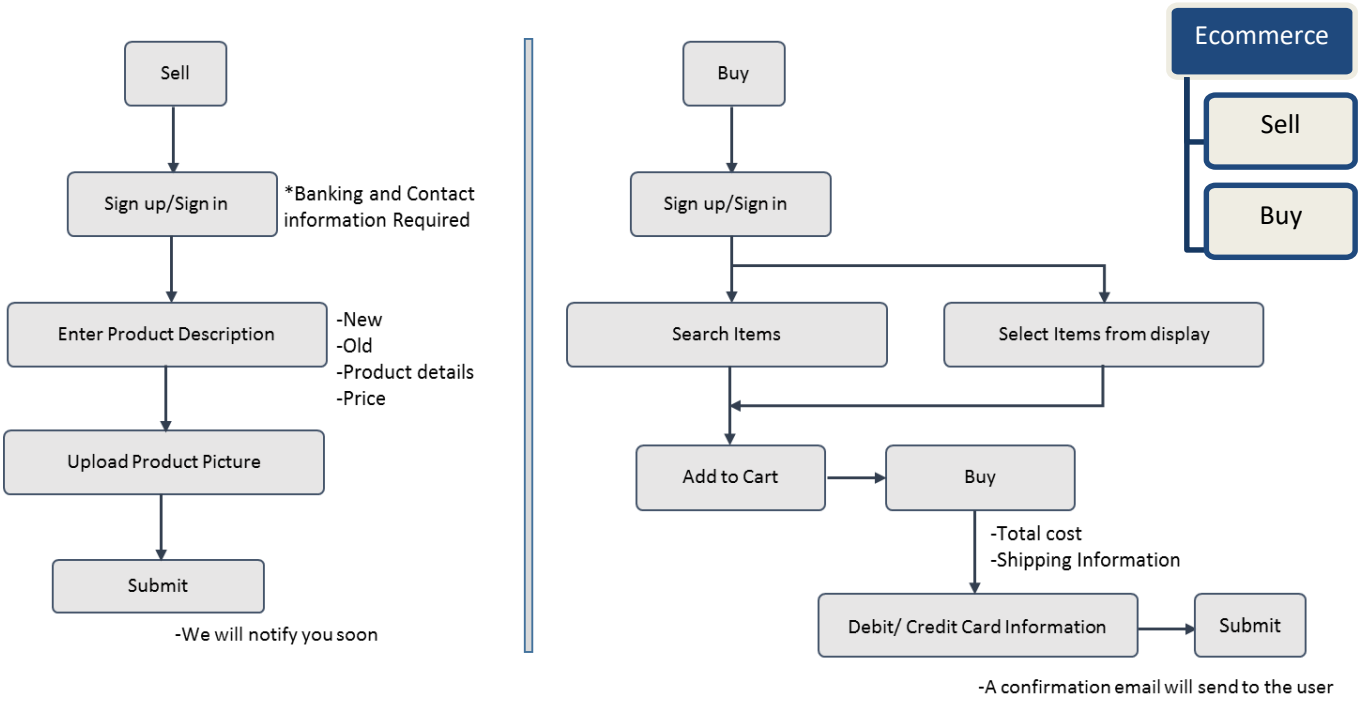
Students Forum Use Case diagram:




**Brief Description:** In Students Forum students will see a text box with subject where they can write their questions. To do that they need to be a registered user. Other registered user can reply to their questions.

### 2.2.4 Ecommerce

Ecommerce Use Case diagram:



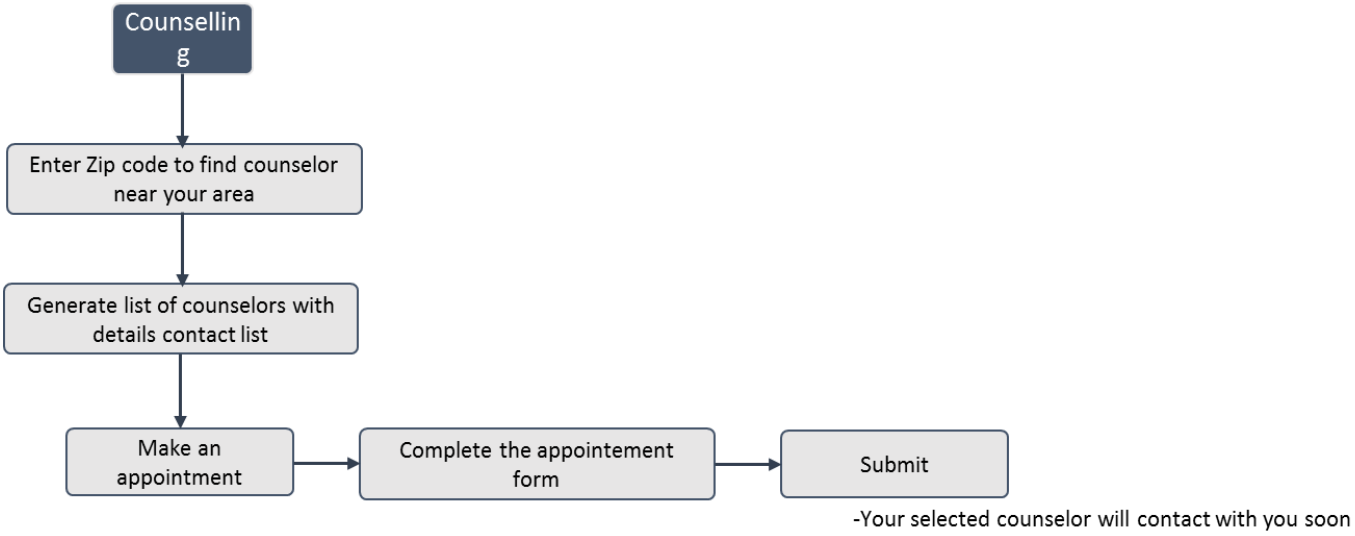

**Brief Description:**

**Sell:** To sell a product user need to be a registered user. After sign in user have to provide product details like the product is new or old, edition and author if books, price etc. Then user need to upload at least a picture of the product. After submitting the product details user will get an email that he or she will be notified if someone wants to buy the product.

**Buy: :** To buy a product user also need to be a registered user. After sign in user can search item by name or select items from display. Then press add to cart. After that when user press Buy button system will ask user to provide Shipping information and Debit/ Credit card information. After submitting all the information system will send a confirmation email to the user.

### 2.2.5 Counselling

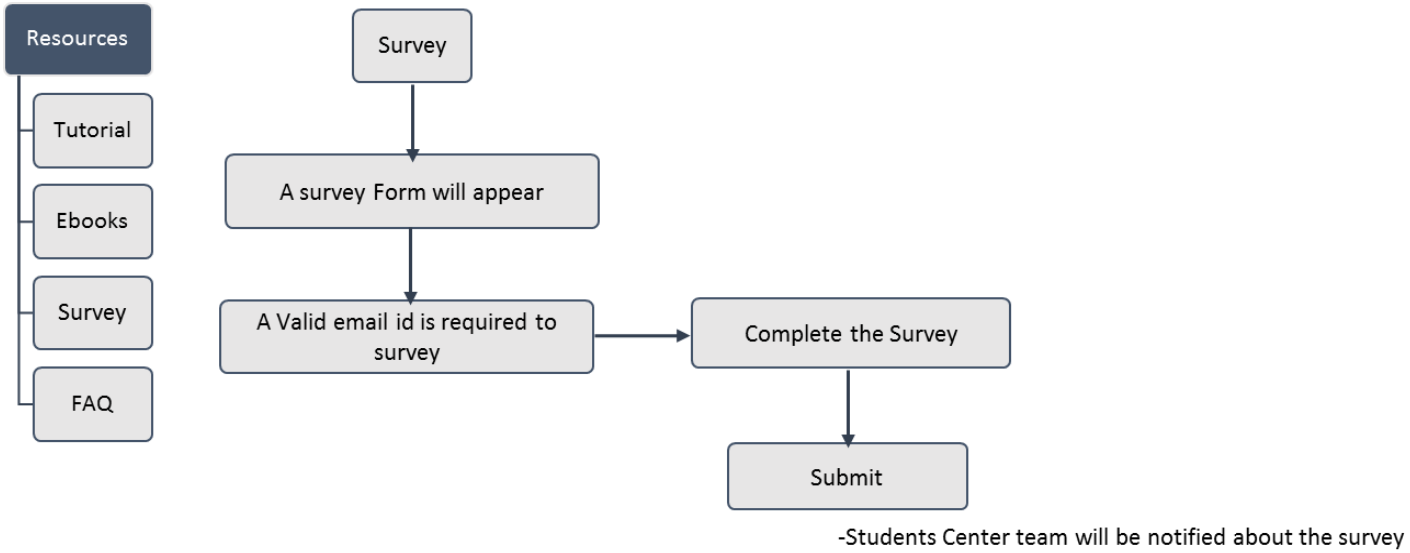
Counselling Use Case diagram:




**Brief Description:** User can find counselors information by ZIP code near his/her area, and make appointment with counselor.

### 2.2.6 Resources

Resources Use Case diagram:




**Brief Description:**

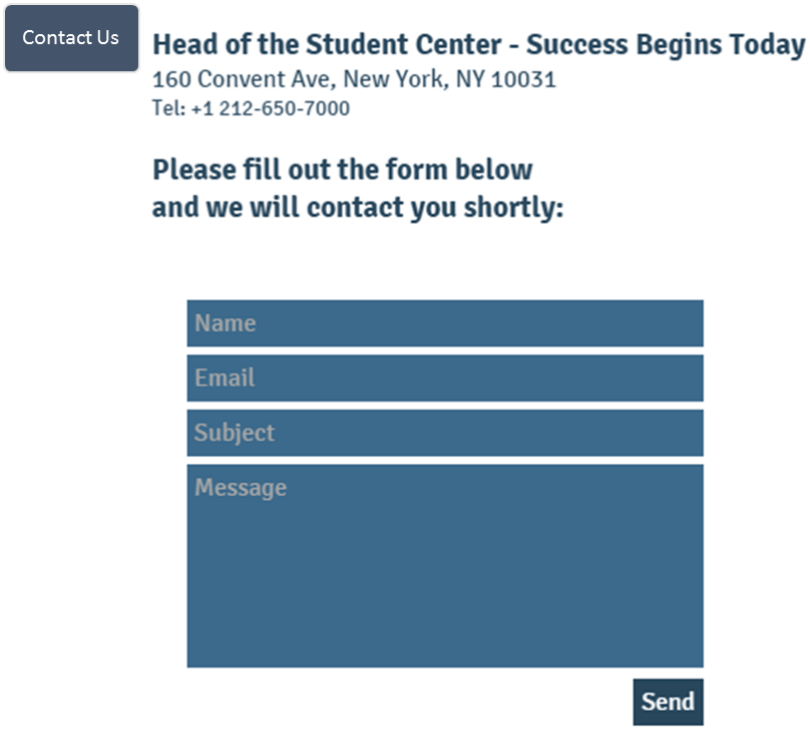
**Tutorial:** Students can find video tutorials by subjects.

**EBooks:** Students can download different standardized test free eBooks.

**Survey:** Students, parents or counselor can give their feedback to Students Center Team. Link

### 2.2.7 Contact Us

Contact Us Use Case diagram:




**Brief Description:** User can contact with Students Center team by filling out the above form.

## 3. Update Information

We completely redesigned the Apply For section and Counselling Section. We will discuss briefly about those changes in this chapter.

### 3.1.1 Necessary Tools and Programming Language

a. Xampp Apache Server- To create MySQL database in localhost and php server scripting.
b. Editor- Brackets
c. Html, CSS, Javascript
d. Bootstrap- To create one framework for every device.
e. Ajax and jQuery- To show results without loading
f. FireFTP- To transfer php files from localhost to public host.

### 3.1.2 MySQL database

We created three different My SQL database. One for upcoming undergraduate students, one for upcoming graduate students and another for counselor.

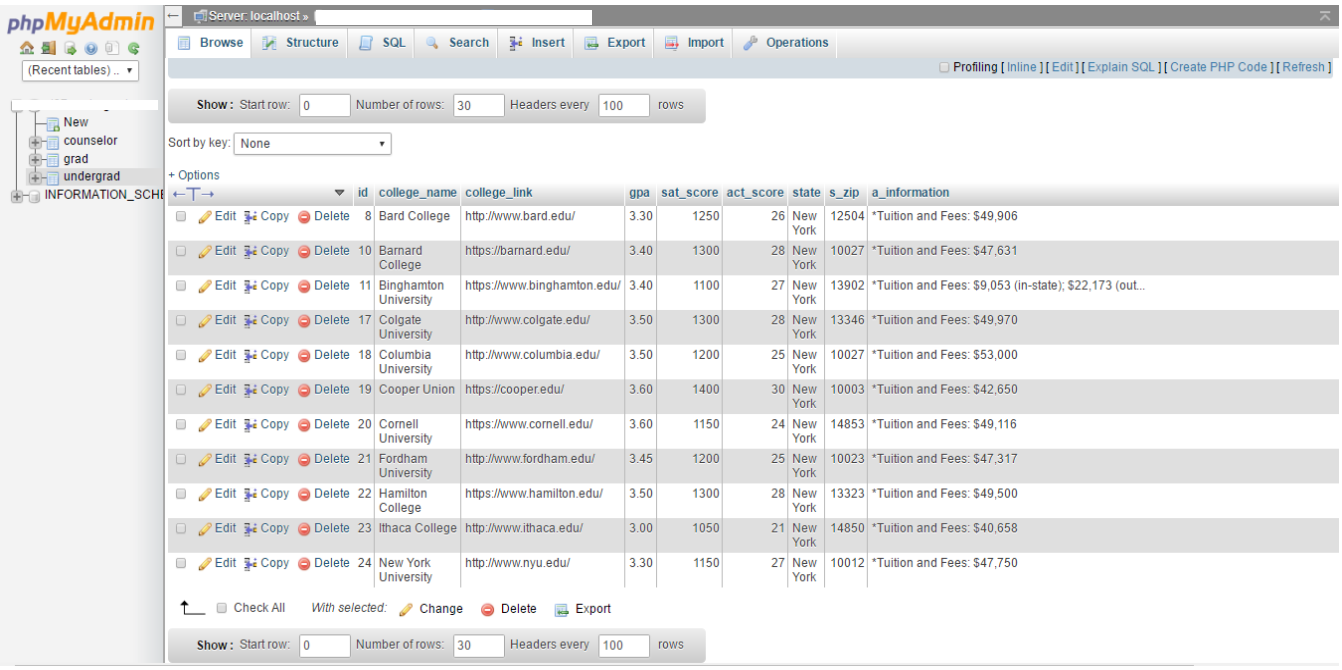



Figure: Database for Upcoming Undergraduate Students

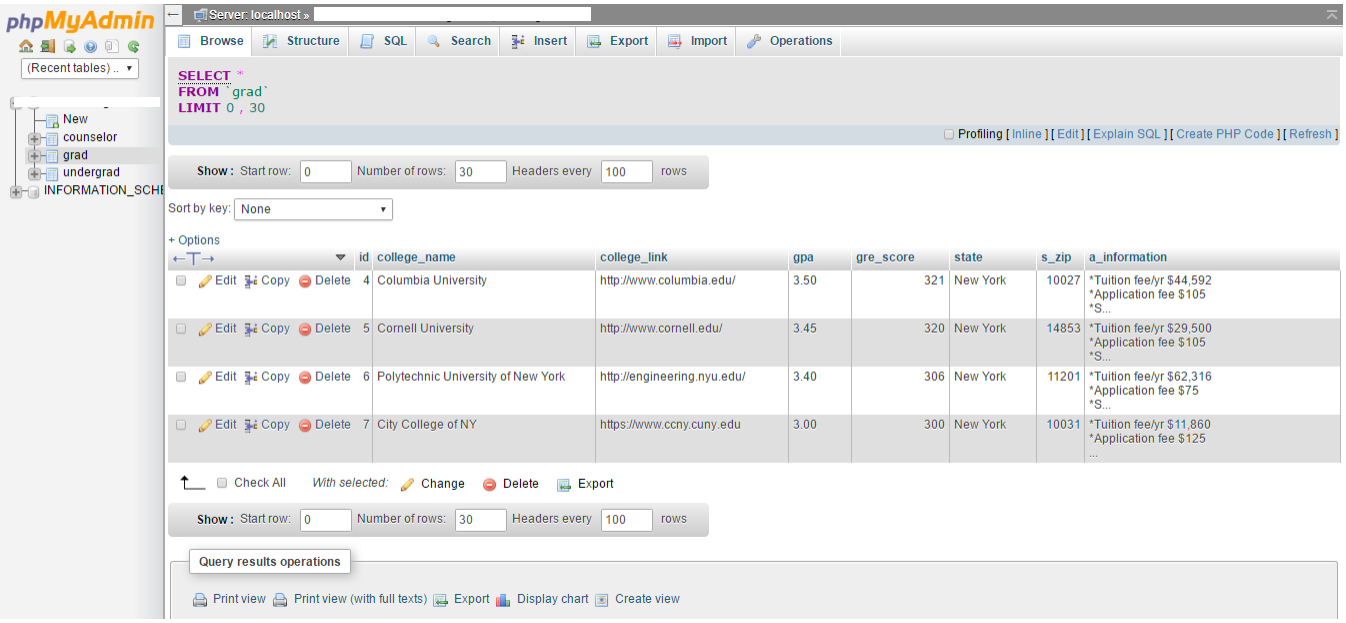



Figure: Database for Upcoming Graduate Students

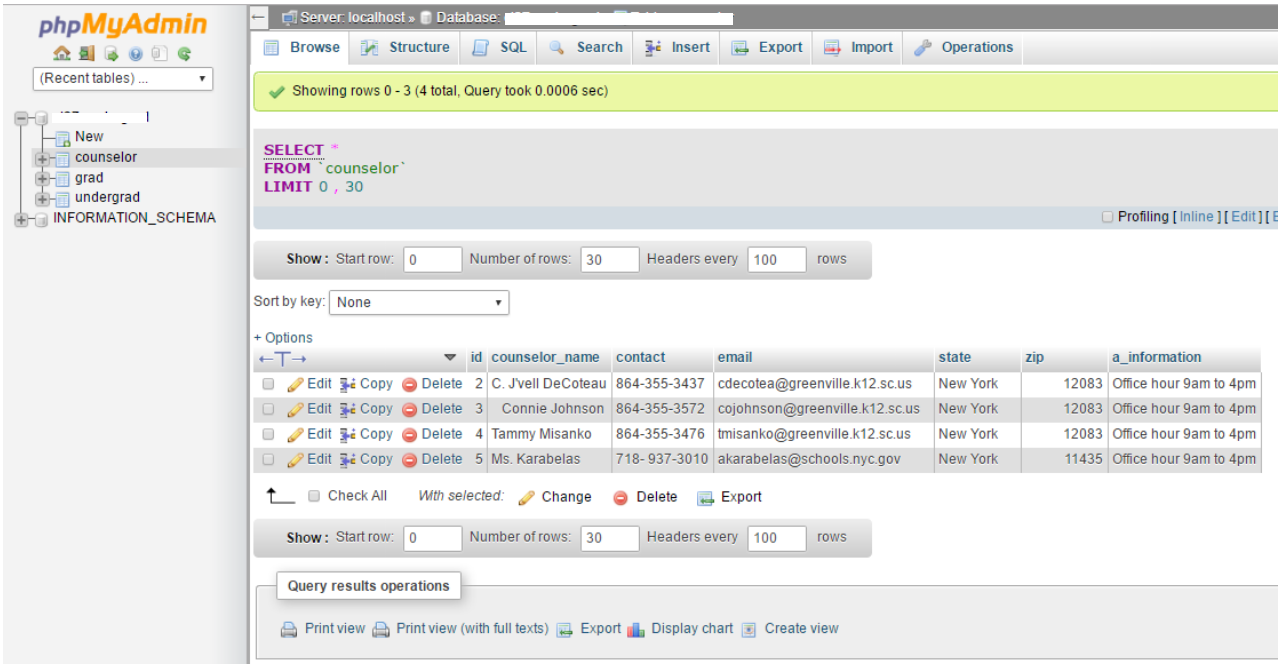



Figure: Database for Counselor

### 3.1.3 Insert information's to database

There are 3,026 four-year institutions and 1,700 two-year institutions in the USA. Of these, 1,623 schools are public and 3,103 are private; of the private schools, 1,451 are for-profit. There are 3,275 nonprofit public and private institutions of higher learning in the United States.

According to Bureau of Labor Statistics in 2014 there were 273,400 jobs employment for School Counselor.

According to all the above information's it is really hard to amalgamate all the colleges and counselor information's to Students Center team. That's why we made three different insert data to MySQL php server script so that college or universities and counselor can add their information's. Only colleges and counselors can access those pages from website Administrative panel.

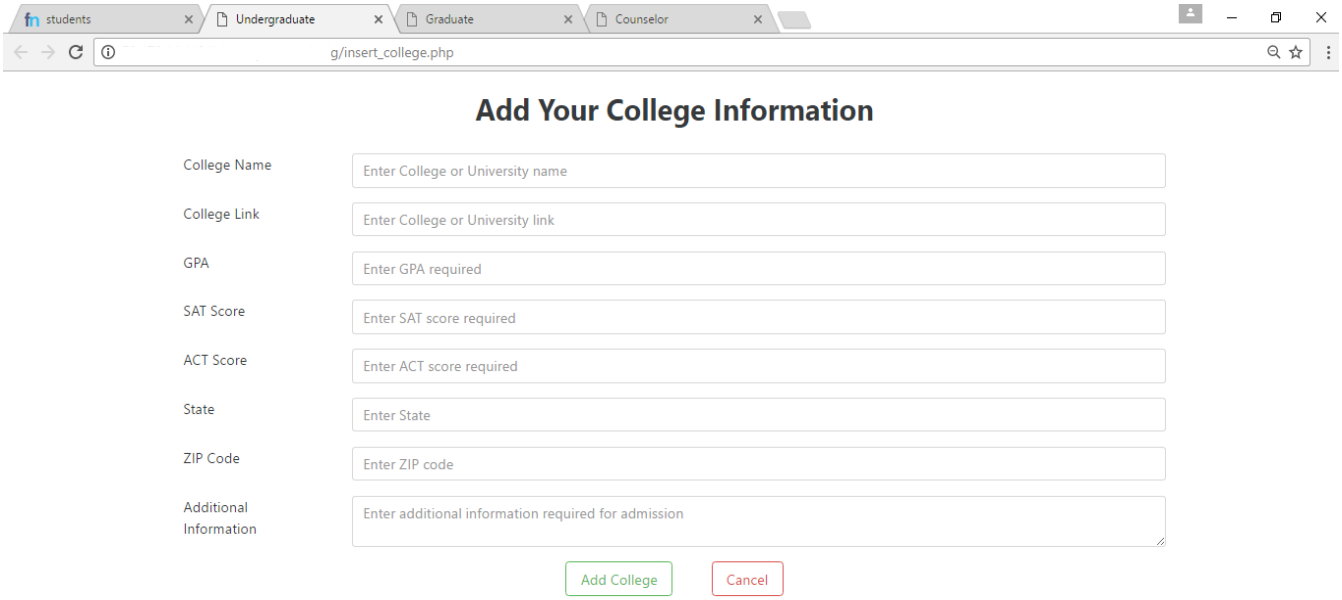



Figure: Colleges and universities can add their admission information's to the database through this form

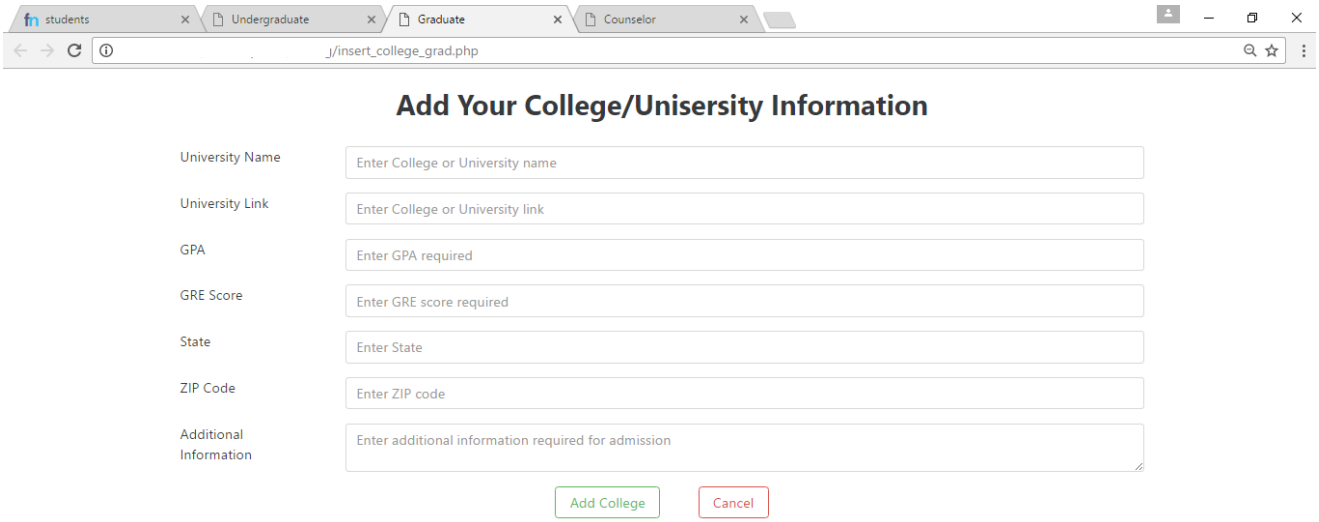



Figure: Colleges and universities can add their admission information's to the database through this form

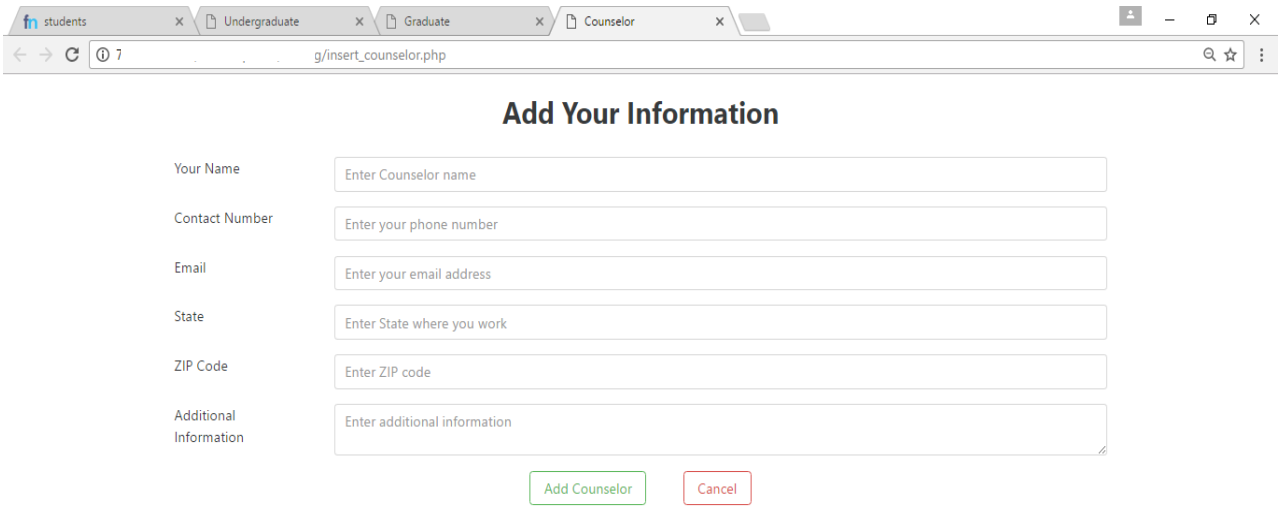
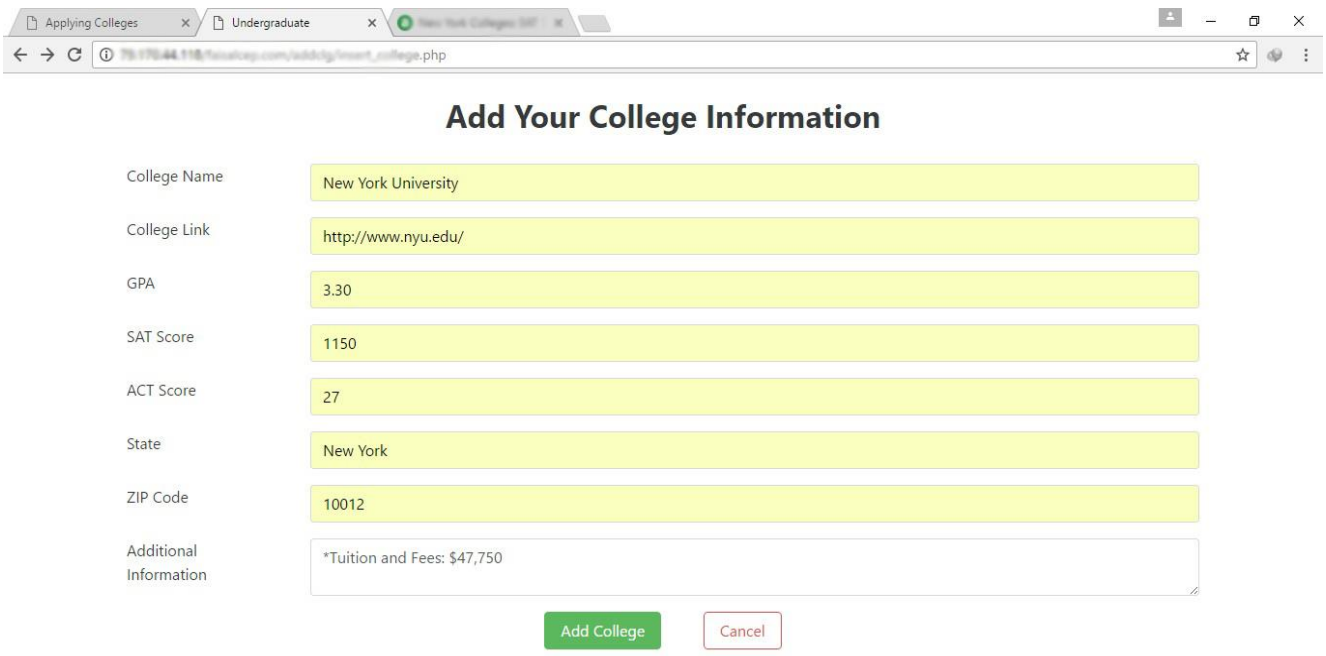



Figure: Counselor can add their information's to the database through this form

**Example of Inserting Information's to Database:**




After completing the above form User need to press the add college information. Below is the picture of inserted data.

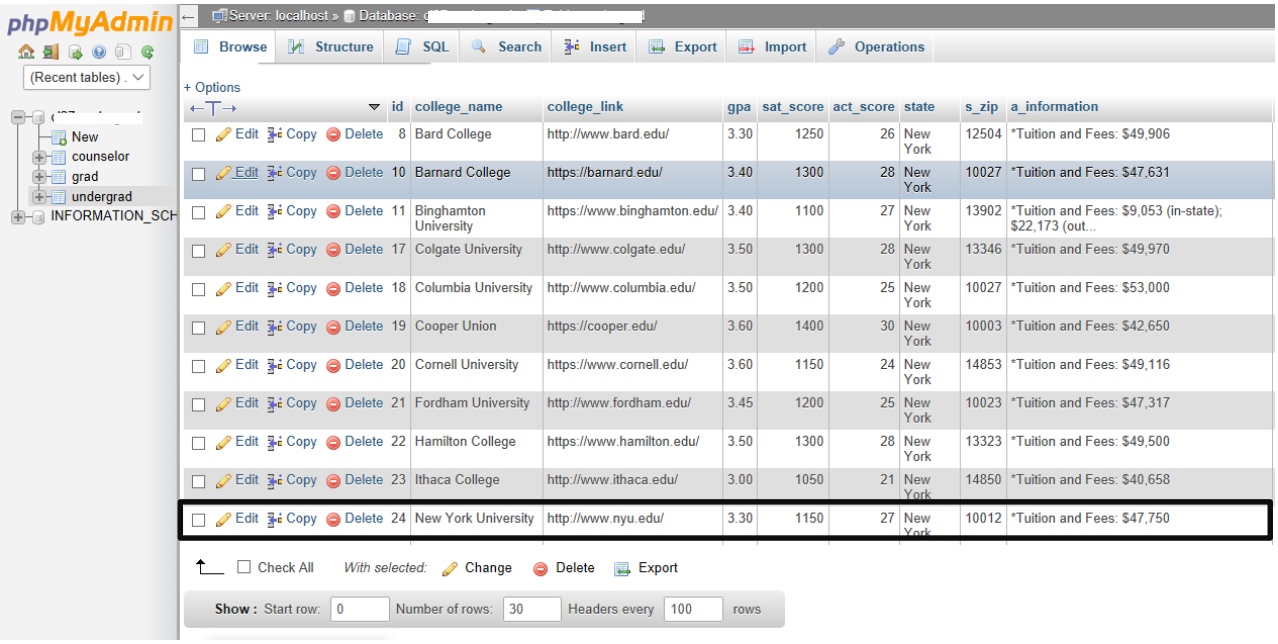



Figure: Information's uploaded to database

Now the inserted information's can be viewable to students. Below is the picture where students find the above college information's.

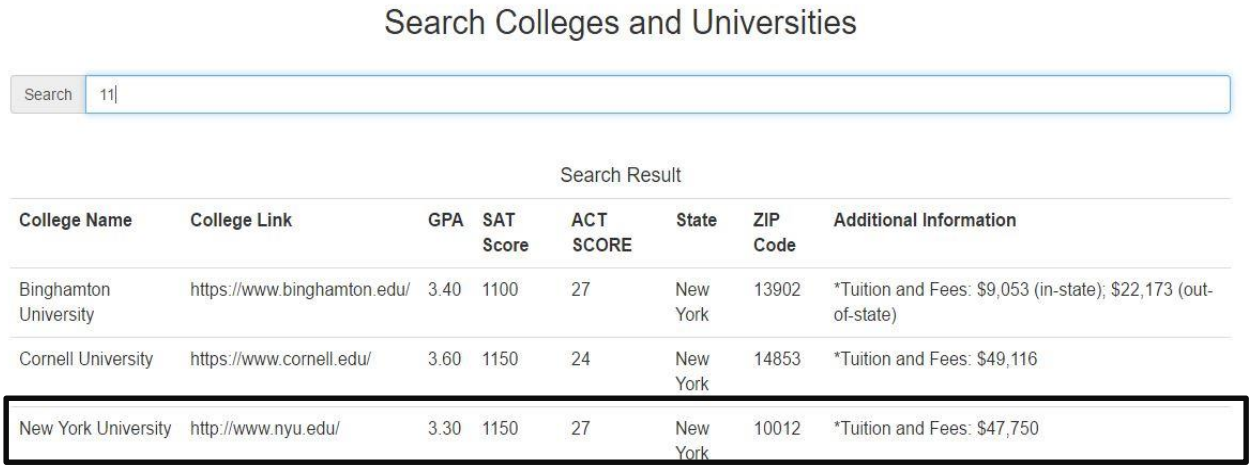
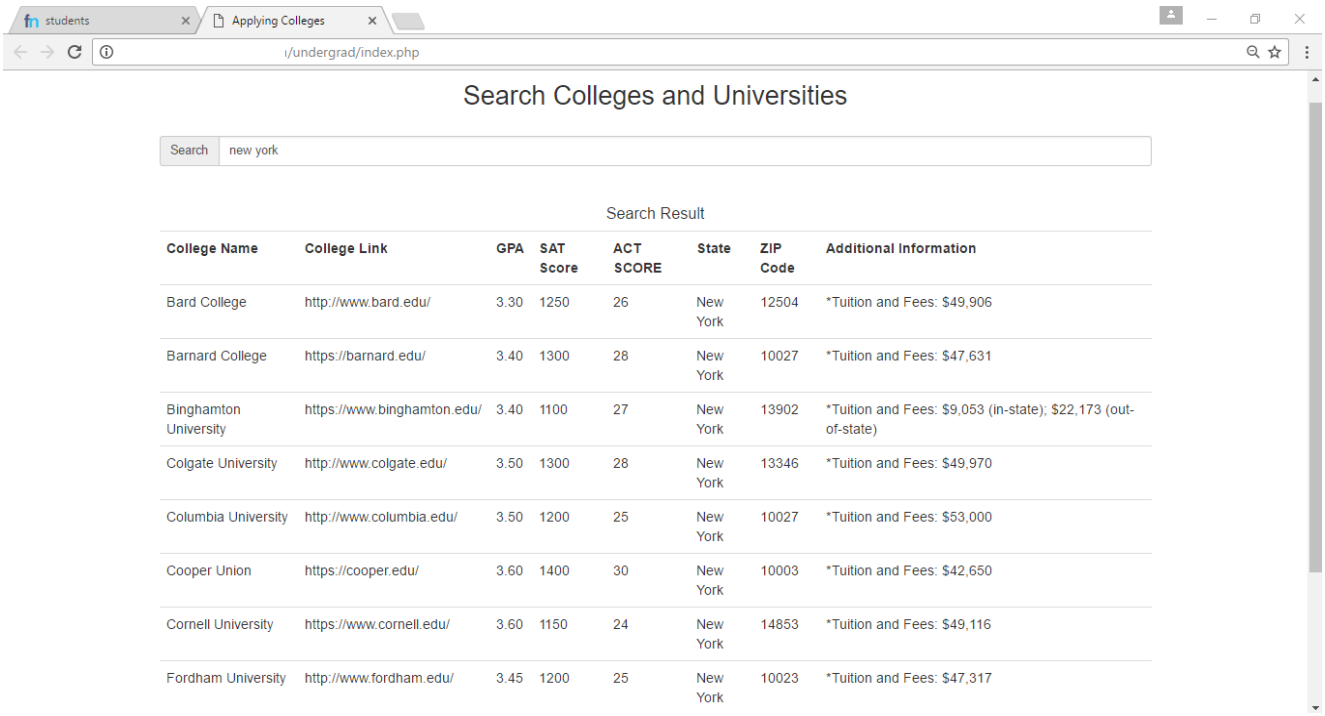



Figure: Type College name or GPA or SAT or ACT or State or Zip In the search box

Similarly for upcoming graduate students admission information's and counselor's information's can be added to the database and then students will be able to can find those information's.

### 3.1.4 Search Colleges and Universities for apply

Now upcoming undergraduate or graduate students can search any college or university information by College Name or GPA or SAT Score or ACT Score or STATE or ZIP Code. They don't need to enter many information's and don't need to wait for loading. Just type and they will get the instant result.

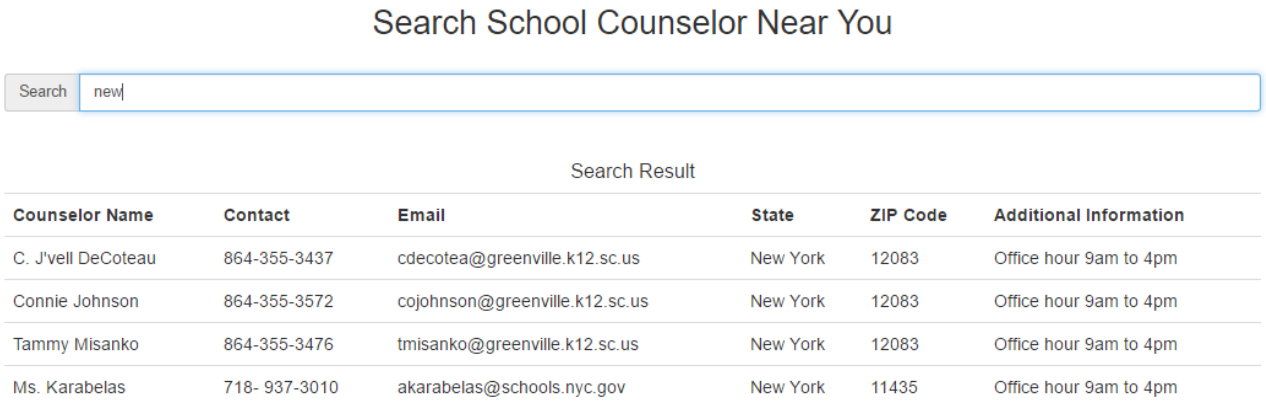



| College Name | College Link | GPA | SAT Score | ACT SCORE | State | ZIP Code | Additional Information |
|---|---|---|---|---|---|---|---|
| Bard College | http://www.bard.edu/ | 3.30 | 1250 | 26 | New York | 12504 | *Tuition and Fees: $49,906 |
| Barnard College | https://barnard.edu/ | 3.40 | 1300 | 28 | New York | 10027 | *Tuition and Fees: $47,631 |
| Binghamton University | https://www.binghamton.edu/ | 3.40 | 1100 | 27 | New York | 13902 | *Tuition and Fees: $9,053 (in-state); $22,173 (out-of-state) |
| Colgate University | http://www.colgate.edu/ | 3.50 | 1300 | 28 | New York | 13346 | *Tuition and Fees: $49,970 |
| Columbia University | http://www.columbia.edu/ | 3.50 | 1200 | 25 | New York | 10027 | *Tuition and Fees: $53,000 |
| Cooper Union | https://cooper.edu/ | 3.60 | 1400 | 30 | New York | 10003 | *Tuition and Fees: $42,650 |
| Cornell University | https://www.cornell.edu/ | 3.60 | 1150 | 24 | New York | 14853 | *Tuition and Fees: $49,116 |
| Fordham University | http://www.fordham.edu/ | 3.45 | 1200 | 25 | New York | 10023 | *Tuition and Fees: $47,317 |

Figure: User can find College information by College Name or GPA or SAT or ACT or STATE or ZIP Code. We Similar interface for upcoming graduate students.

### 3.1.5 Search Counselor

Now students can get Counselor information by Counselor Name or STATE or ZIP Code. Students can know the Counselor Contact information, email address and office hour. Students need to just type name or state or zip and they will get the instant result.




| Counselor Name | Contact | Email | State | ZIP Code | Additional Information |
|---|---|---|---|---|---|
| C. J'vell DeCoteau | 864-355-3437 | cdecotea@greenville.k12.sc.us | New York | 12083 | Office hour 9am to 4pm |
| Connie Johnson | 864-355-3572 | cojohnson@greenville.k12.sc.us | New York | 12083 | Office hour 9am to 4pm |
| Tammy Misanko | 864-355-3476 | tmisanko@greenville.k12.sc.us | New York | 12083 | Office hour 9am to 4pm |
| Ms. Karabelas | 718- 937-3010 | akarabelas@schools.nyc.gov | New York | 11435 | Office hour 9am to 4pm |

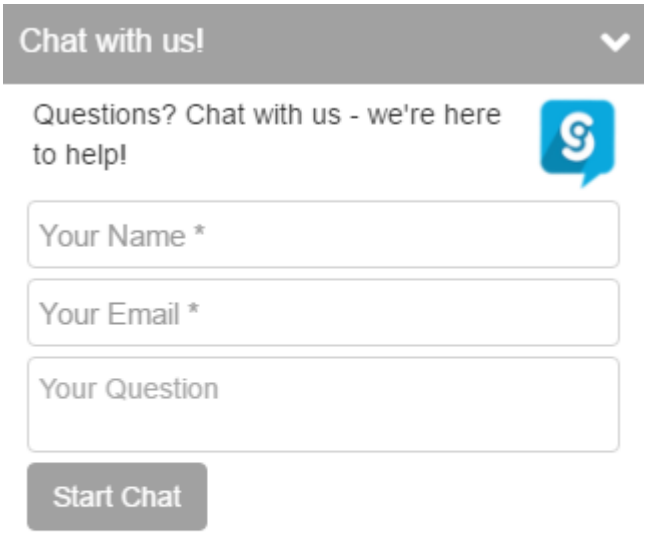
Figure: User can find counselor by Counselor name or State or Zip code

### 3.1.6 Bootstrap

We made responsive web design for every device using Bootstrap.

### 3.1.7 Live Chat

Now User can live chat with Students Center team to get support anytime.




## 4. Coding

We did the following web development coding for adding data into MySQL database and to find the colleges and counselor information's.

### 4.1.1 Insert information's to MySQL database (Undergraduate, Graduate, Counselor)

File name: insert_college.php

```
<!DOCTYPE html>

<html>
    <head>

        <title>Undergraduate</title>

        <link rel="stylesheet"
        href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-alpha.5/css/bootstrap.min.css"
        integrity="sha384-AysaV+vQoT3kOAXZkl02PThvDr8HYKPZhNT5h/CXfBThSRXQ6jW5DO2ekP5ViFdi"
        crossorigin="anonymous">

    </head>

    <body>

       <div class="container">
       <br>

          <center><h2><b>Add Your College Information</b></center>
        <br>

        <form action="insert_college.php" method="post">

            <div class="form-group">

              <div class="row">
                <label class="col-sm-2"for="cname">College Name</label>
                <div class="col-sm-10">
                   <input type="text" class="form-control" id="cname" name="c_name"
                   placeholder="Enter College or University name" required>

                </div>

              </div>

            </div>

            <div class="form-group">

              <div class="row">
                <label class="col-sm-2"for="clinke">College Link</label>
                <div class="col-sm-10">
                   <input type="text" class="form-control" id="clink" name="c_link"
                   placeholder="Enter College or University link" required>

                </div>

              </div>

            </div>

            <div class="form-group">

              <div class="row">
                <label class="col-sm-2"for="sscore">GPA</label>
                <div class="col-sm-10">
                   <input type="text" class="form-control" id="cgpa" name="c_gpa"
                   placeholder="Enter GPA required" required>

                </div>

              </div>

            </div>
```

```
<div class="form-group">

  <div class="row">
    <label class="col-sm-2"for="sscore">SAT Score</label>
    <div class="col-sm-10">
       <input type="text" class="form-control" id="sscore" name="s_score"
       placeholder="Enter SAT score required"required>

    </div>

  </div>

</div>

<div class="form-group">

  <div class="row">
    <label class="col-sm-2"for="ascore">ACT Score</label>
    <div class="col-sm-10">
       <input type="text" class="form-control" id="ascore" name="a_score"
       placeholder="Enter ACT score required"required>

    </div>

  </div>

</div>

<div class="form-group">

  <div class="row">
    <label class="col-sm-2"for="state">State</label>
    <div class="col-sm-10">
       <input type="text" class="form-control" id="state" name="s_state"
       placeholder="Enter State"required>

    </div>

  </div>

</div>
<div class="form-group">

  <div class="row">
    <label class="col-sm-2"for="zip"> ZIP Code</label>
    <div class="col-sm-10">
       <input type="text" class="form-control" id="zip" name="s_zip"
       placeholder="Enter ZIP code"required>

    </div>

  </div>

</div>

<div class="form-group">

  <div class="row">
    <label class="col-sm-2"for="state">Additional Information</label>
    <div class="col-sm-10">
        <textarea class="form-control" id="ainformation" name="a_information"
        placeholder="Enter additional information required for admission
        "></textarea>
```

```
                </div>

              </div>

            </div>


            <div class="form-group">

              <div class="row">
              <center>
                <input type="submit" class="btn btn-outline-success" name="submit" value="Add
                College">
                      
                  <input type="reset" class="btn btn-outline-danger" name="cancel"
                  value="Cancel">
              </center>
                </div>
            </div>

        </form>

       </div>
        <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.1/jquery.min.js"
        integrity="sha384-3ceskX3iaEnIogmQchP8opvBy3Mi7Ce34nWjpBIwVTHfGYWQS9jwHDVRnpKKHJg7"
        crossorigin="anonymous"></script>
        <script src="https://cdnjs.cloudflare.com/ajax/libs/tether/1.3.7/js/tether.min.js"
        integrity="sha384-XTs3FgkjiBgo8qjEjBk0tGmf3wPrWtA6coPfQDfFEY8AnYJwjalXCiosYRBIBZX8"
        crossorigin="anonymous"></script>
        <script
        src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-alpha.5/js/bootstrap.min.js"
        integrity="sha384-BLiI7JTZm+JWlgKa0M0kGRpJbF2J8q+qreVrKBC47e3K6BW78kGLrCkeRX6I9RoK"
        crossorigin="anonymous"></script>

    </body>


</html>


<?php

    mysql_connect("localhost","databasename","password");
    mysql_select_db("databasename");

    if(isset($_POST["submit"]))

    {
        $c_name=addslashes($_POST["c_name"]);
        $c_link=addslashes($_POST["c_link"]);
        $c_gpa=addslashes($_POST["c_gpa"]);
        $s_score=addslashes($_POST["s_score"]);
        $a_score=addslashes($_POST["a_score"]);
        $s_state=addslashes($_POST["s_state"]);
        $s_zip=addslashes($_POST["s_zip"]);
        $a_information=addslashes($_POST["a_information"]);


$sql="insert into
tablename  (college_name,college_link,gpa,sat_score,act_score,state,s_zip,a_information)
values('$c_name','$c_link','$c_gpa','$s_score','$a_score','$s_state','$s_zip','$a_informa
 tion')";
```

```
        $rs=mysql_query($sql);

        if($rs)

        echo "<script> alert('Your College Information uploaded
        successfully.')</script>";

        else
                                        {
            echo "<script> alert('Information uploading failed. Please try again.')</script>";
        }


      }

?>
```

We did the similar coding to add information's to the Mysql database for upcoming graduate students and adding counselor's information's.

### 4.1.2 Fetch Data from MySQL database

File-1 name: fetch.php

```
<?php
 $connect = mysqli_connect("localhost","databasename     ","password ",  "databasename     ");
 $output = '';
 $sql = "SELECT * FROM tablename   WHERE college_name LIKE '%".$_POST["search"]."%'

OR sat_score LIKE '%" . $_POST['search'] . "%'

                  OR act_score LIKE '%" . $_POST['search'] . "%'
                  OR state LIKE '%" . $_POST['search'] . "%'
                OR s_zip LIKE '%" . $_POST['search'] . "%'";

               $result = mysqli_query($connect, $sql);
 if(mysqli_num_rows($result) > 0)
 {
      $output .= '<h4 align="center">Search Result</h4>';
      $output .= '<div class="table-responsive">
                          <table class="table table bordered">
                               <tr>
                                    <th>College Name</th>
                                    <th>College Link</th>
                                    <th>GPA</th>
                                    <th>SAT Score</th>
                                    <th>ACT SCORE</th>
                                    <th>State</th>
                                    <th>ZIP Code</th>
                                    <th>Additional Information</th>
                               </tr>';
      while($row = mysqli_fetch_array($result))
      {
           $output .= '
                <tr>
                     <td>'.$row["college_name"].'</td>
                     <td>'.$row["college_link"].'</td>
                     <td>'.$row["gpa"].'</td>
                     <td>'.$row["sat_score"].'</td>
                     <td>'.$row["act_score"].'</td>
                     <td>'.$row["state"].'</td>
                     <td>'.$row["s_zip"].'</td>
                     <td>'.$row["a_information"].'</td>
                </tr>
           ';
      }
      echo $output;
 }
 else
 {
      echo 'Data Not Found. Please Try Again.';
 }
 ?>
```

File-2 name: index.php

```
<html>
      <head>
            <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
            <title>Applying Colleges</title>
            <script src="jquery.js"></script>
            <script src="js/bootstrap.js"></script>
            <link href="css/bootstrap.css" rel="stylesheet" />
      </head>
      <body>
            <div class="container">
                  <br />
                  <h2 align="center"> Search Colleges and Universities </h2><br />
                  <div class="form-group">
                        <div class="input-group">
                              <span class="input-group-addon">Search</span>
                              <input type="text" name="search_text" id="search_text"
                              placeholder="Type to start searching" class="form-control" />
                        </div>
                  </div>
                  <br />
                  <div id="result"></div>
            </div>
      </body>
 </html>
 <script>
 $(document).ready(function(){
      $('#search_text').keyup(function(){
            var txt = $(this).val();
            if(txt != '')
            {
                  $.ajax({
                        url:"fetch.php",
                        method:"post",
                        data:{search:txt},
                        dataType:"text",
                        success:function(data)
                        {
                              $('#result').html(data);
                        }
                  });
            }
            else
            {
                  $('#result').html('');
            }
      });
 });
 </script>
```

We did the similar coding to fetch the information's from database for upcoming graduate students and to find the Counselor's information's.

## 5. Big Data and Students Center

Inevitably there are a radical relation between big data and Students Center project. We have noticed that over time social networking has been moved from in-person to online. Big data can help us to trace student to student interactions as well as interaction between our online service with students, counselor and parents. If we can trace how students are using their information to find suitable colleges for them, then by integrating these and other source of data we can suggest colleges, universities and counselor information precisely.

There are total 4,726 institutions in the USA. Of these 3,026 are four-year institutions and 1,700 two-year institutions in the USA. Of these, 1,623 schools are public and 3,103 are private; of the private schools, 1,451 are for-profit. There are 3,275 nonprofit public and private institutions of higher learning in the United States. In fall 2014, total undergraduate enrollment in degree-granting postsecondary institutions was 17.3 million students, an increase of 31 percent from 2000, when enrollment was 13.2 million students. Undergraduate enrollment is projected to increase 14 percent from 17.3 million to 19.8 million students between 2014 and 2025 [8].

To support 17.3 million to 19.8 million upcoming undergraduate students integrating and updating all the college and university information time to time is challenging. Fulfilling this promise requires to analyze a big amount of complex data. If students center team can able to collect series of data with time, then in future it would be possible to analyze those structured and unstructured complex data and hopefully we will be able to radically change the educational system.

There are many other connection between Students Center project and Big data. Counselor information, Support students, Students forum, up to date test and exam information, ecommerce, tutorials, survey, eBooks all of these involve with data and data is growing rapidly with time.

We would like to conclude saying that, big data is only going to get bigger, and those companies that disregard it will be left further and further behind.

Review done by: Team 2
Thank you for the chance to review your materials.

1. Relevance: A large section of any SSC are students, therefore the topic is very relevant.
2. Target Community: As students ourselves, it is not difficult to see the benefit of having a student center as you have proposed for your project. From the information that was provided, it is clear that the database is going to be a reliable source of information for the students.
3. Overarching dimension of SSC: Society/ Education
4. Physical and Service Infrastructure: Higher level education
5. Number & Relevance of Used Cases: N/A (no detailed explanation and use cases provided)
   Students Center Response: We updated use cases in this documents as well as in our active website.
6. Definitions of the subjects and actors in used cases: N/A (no detailed explanation and use cases provided)
   Students Center Response: Explained details in this documents.
7. Match between use cases and interfaces: N/A (no detailed explanation and use cases provided)
   Students Center Response: Provided detailed explanation in this documents.
8. Overall style and presentation: An issue that might arise in the future is the design of the student portal. Perhaps a more interactive as well as visually pleasing and more user friendly interface can be used for the portal so that it can attract more users, particularly the less tech savvy ones. Nonetheless, the topic is a very relevant one that has immense potential to be very effective for the students. However, the presentation is not self-explanatory. It is almost assumed that someone else will be demonstrating the portal/application.
9. Other suggestions: The only pitfall of such a project is the need for a constantly updated and fully functional database. The project with only be optimally useful if the database contains all the relevant and updated information. To keep it that way for the students on a day to day basis with require considerable manpower and economic resources, which might make the entire project less feasible. One way to avoid that problem would be to partner with one of the major student information databases, such as Monster.com and Fastweb.com. The partnership will benefit both the project as well as these private databases who will be given immense publicity through these student portals.
   Also, a detailed documentation on the project will help to understand or break down the project into different sections for better user friendliness as well as the development process.

   Students Center Response: Now we made fully functional database in MySQL. Now Colleges as well as counselor can add their valuable information to our database. We explained detail about our MySQL database in this document.

"**YAW Online Money"**

Reviewed by Team – 03 (Md Faisal Akbar, Nandita Dev, Ruhul Amin )

1. **Concept:** Their concept were not clear. Is their service work as money transfer agency or they work for banks. Please make clear concept how YAW apps work. For suggestions, this apps could work with any bank or credit card company as a partnership basis, like Xoom paypal agency, square cash, TransferWise.
2. **Incomplete Interface:** Some feature can be added such as:
   History Button: To access previous transaction (both deposits and transferred)
   Cancel Transaction: Suppose someone want to cancel his/her recent transaction. A button can be added to cancel the transaction. Customer can cancel transaction within one days or few hours.
   Transfer Option: Customer can Transfer their saving money to bank account.
   Account Type: You can add different account type: free, standard, premium.
   ID Number: Phone number or email can be added as ID number. So that customer can easily find out others account number for transaction.
   Customer Service Button: There should be a button for customer service contact.
   Check Deposits: There could be an option to deposits check.
3. **Security** : As a agency, there has lot of security issue – how secure to make mobile deposit, save money and cash out. They should add some confidential questions when anyone make transactions in online. Like date of birth, birth place, mother's or father's name etc.
4. **Customer Service**: If anyone try to fail make online transaction, how customer service helps their customer. Please add some hotline contact number services 24/7 for emergency. And add email service for non emergency.
5. **Transaction Fees**: Doesn't notify any transaction fee. Pleas make a range how much is the fee $1 - $500 ,$501 - $1000 etc in the apps.
6. **GPS Service**: If this apps use GPS service to track location who send money or receive money, then it would be more secure.
7. **Local/ International**: Could people use this apps for international online money transfer or only for USA or both ? If international or both transaction ,how this apps works for outside in USA, please make clear concepts.
8. **Cash Out:** How customer can cash out their money is not clear. For example, people use ATM anytime for cash out their money from bank account.
9. There could be an option like Apple Pay so that people can use their money via NFC.

# CRIME STOPPERS SQA
# by STUDENTS CENTER

**Instructor: Hesham Abdel-Malik Auda**

**MIS G2010, CCNY**

**Presented By:**

**Md Faisal Akbar**

**Nandita Dev**

**Ruhul Amin**

# CRIME STOPPERS SQA || by STUDENTS CENTER

## CASE: FOR ALL SIMILAR CASES

1

2

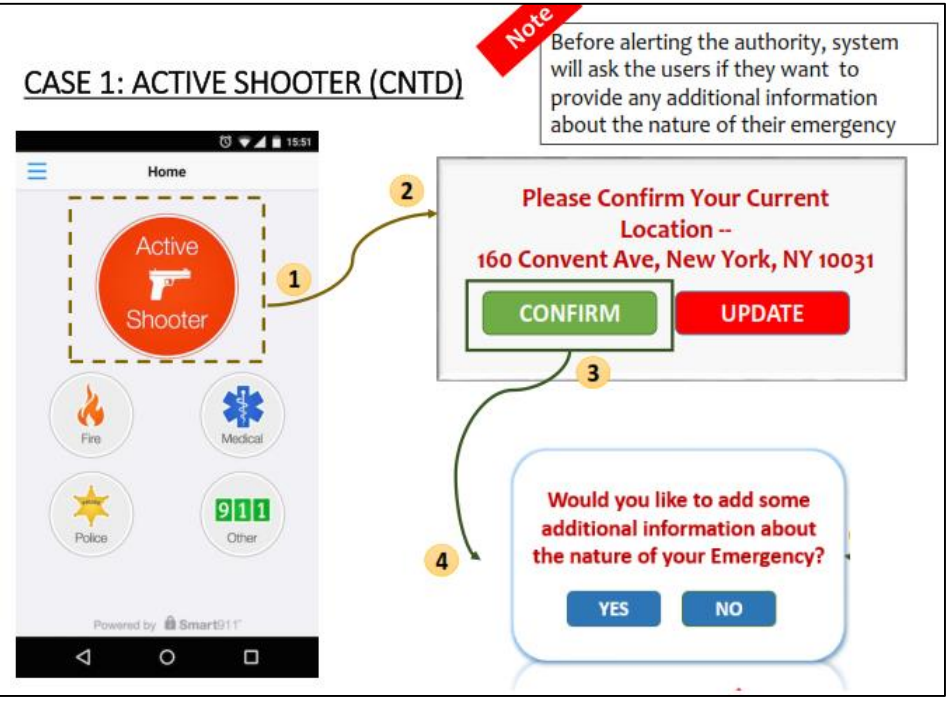
**Please Confirm Your Current Location --**
**160 Convent Ave, New York, NY 10031**

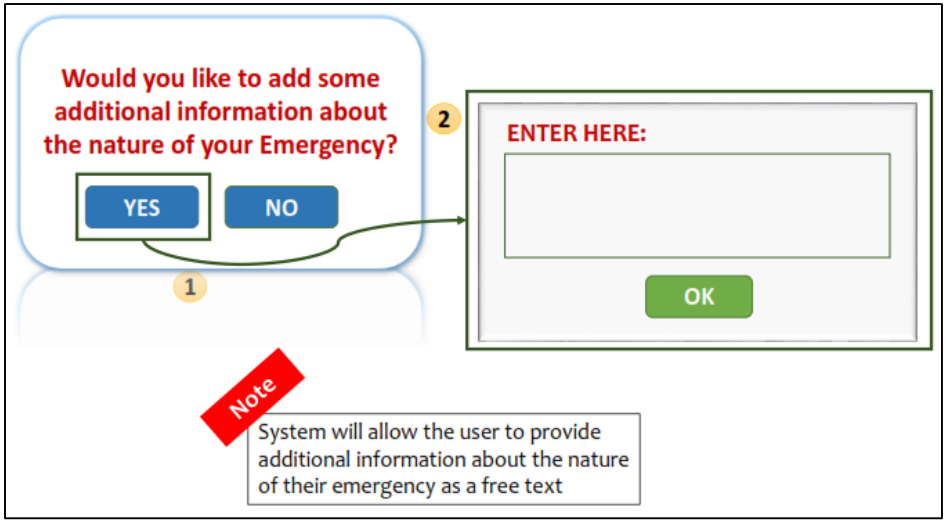
CONFIRM | UPDATE

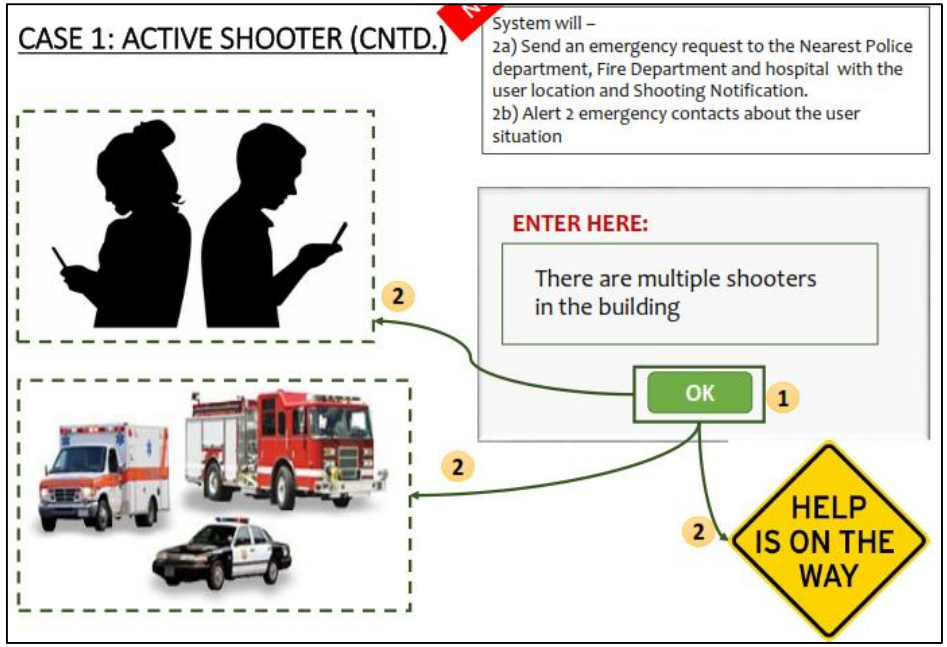
**Note**

When user clicks any button on the screen to request for help, they will be asked to verify their current location where the requested service is needed.

# Inconsistency: Too many CONFIRMATION MASSAGES from user in EMERGENCY SITUATION



# Inconsistency: Too many CONFIRMATION MASSAGES from user in EMERGENCY SITUATION

CASE : ALL

2

2

Would you like to add some additional information about the nature of your Emergency?

YES

NO

1

2

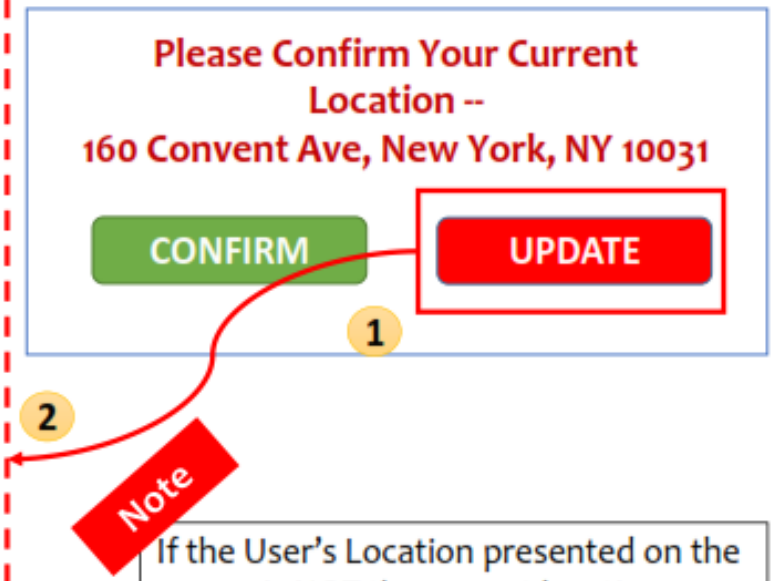
Incompleteness: ETA of HELP

# Inconsistency: Too many CONFIRMATION MASSAGES from user in EMERGENCY SITUATION

## Incorrectness:

1. Registered user, so name is unnecessary here
2. GPS should track at least State, Country or nearest area.
3. This is an Emergency Situation so it is necessary to make address form much simpler than that.

CASE: All

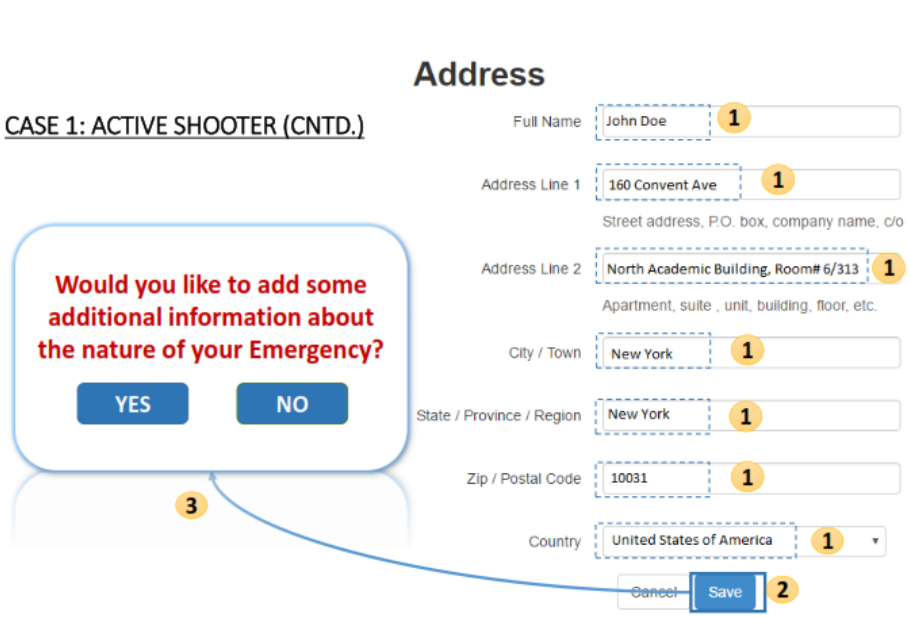


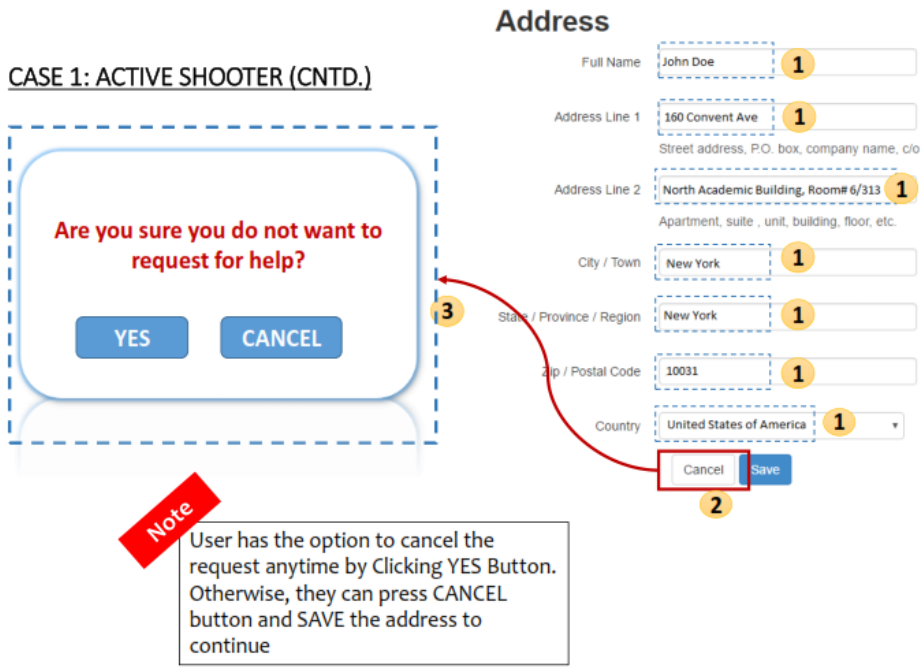
# Inconsistency: Too many CONFIRMATION MASSAGES from user in EMERGENCY SITUATION

## Incorrectness:

1. Registered user, so name is unnecessary here
2. GPS should at least track State, Country

This is an Emergency Situation so it is necessary to make address form much simpler than that.

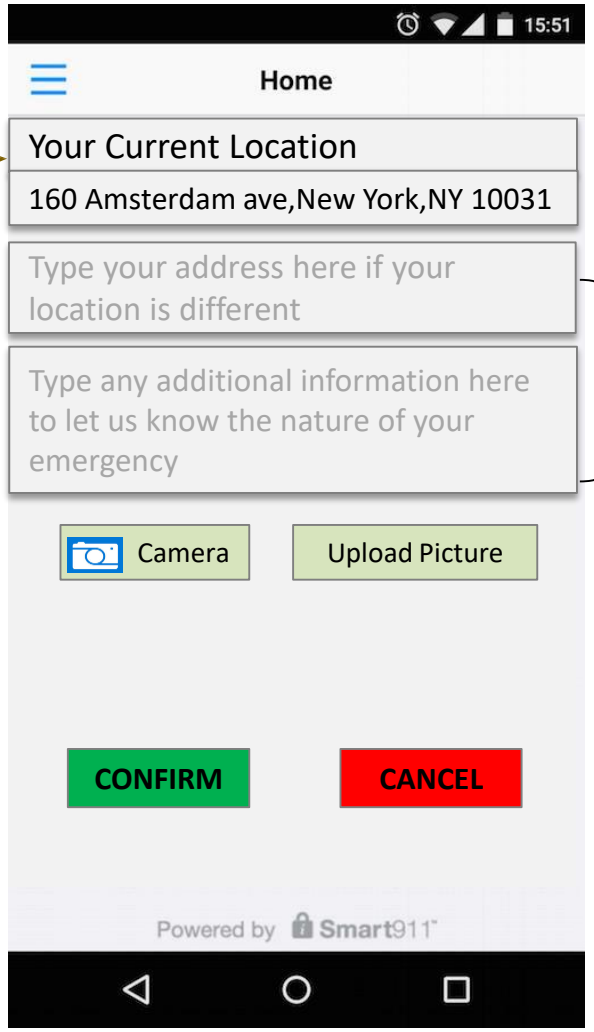


# CASE: Similar for All Case ||STUDENTS CENTER SUGGESTIONS

1

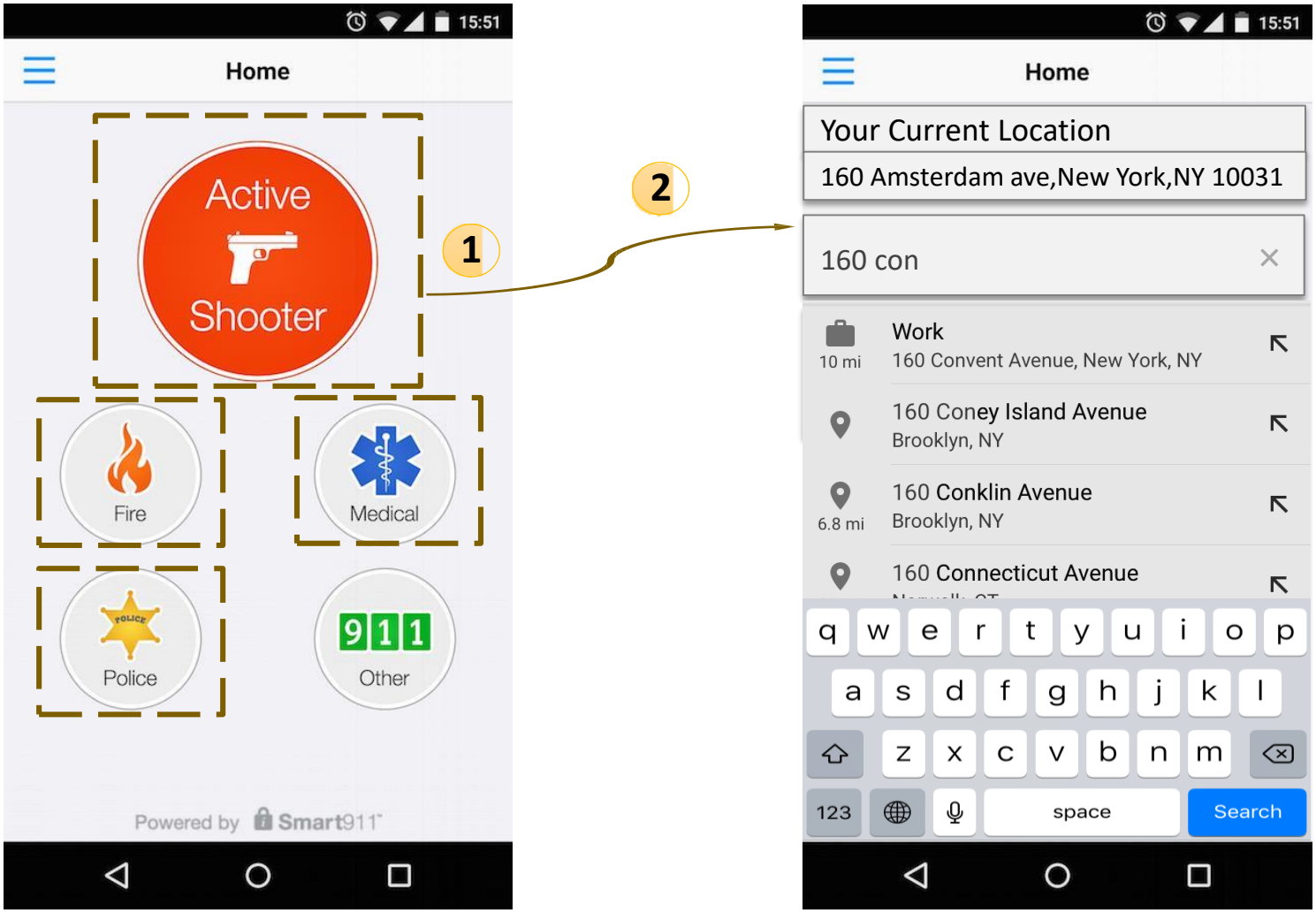
2




**Placeholder text**

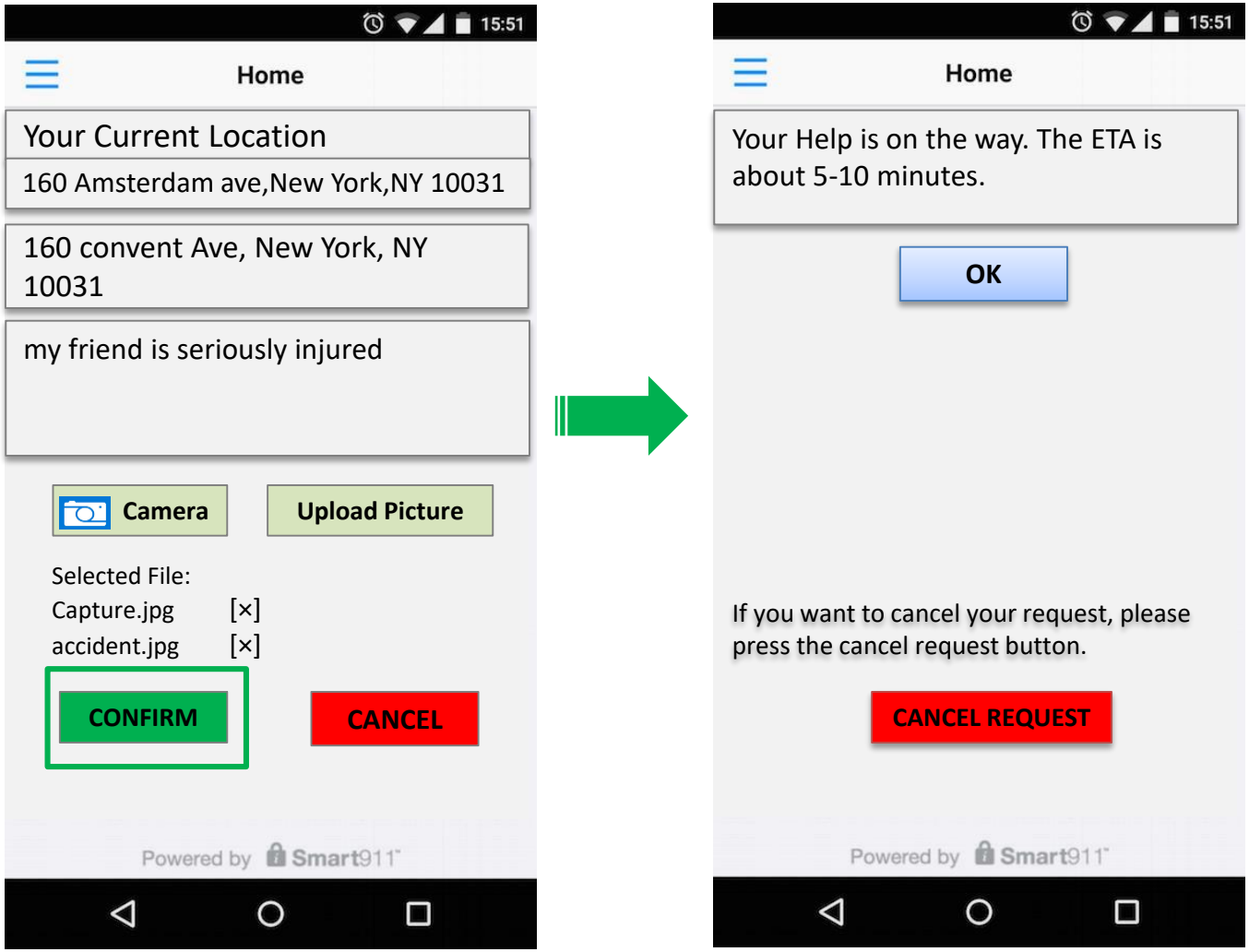
# CASE: Similar for All Case | |STUDENTS CENTER SUGGESTIONS (CNTD.)

Address suggestions to user so that they can send their help request as fast as they can



# CASE: Similar for All Case ||STUDENTS CENTER SUGGESTIONS (CNTD.)

| | |
|---|---|
| Camera | User can take live picture and upload instantly (optional) |
| Upload Picture | User can upload picture from Camera roll (optional) |

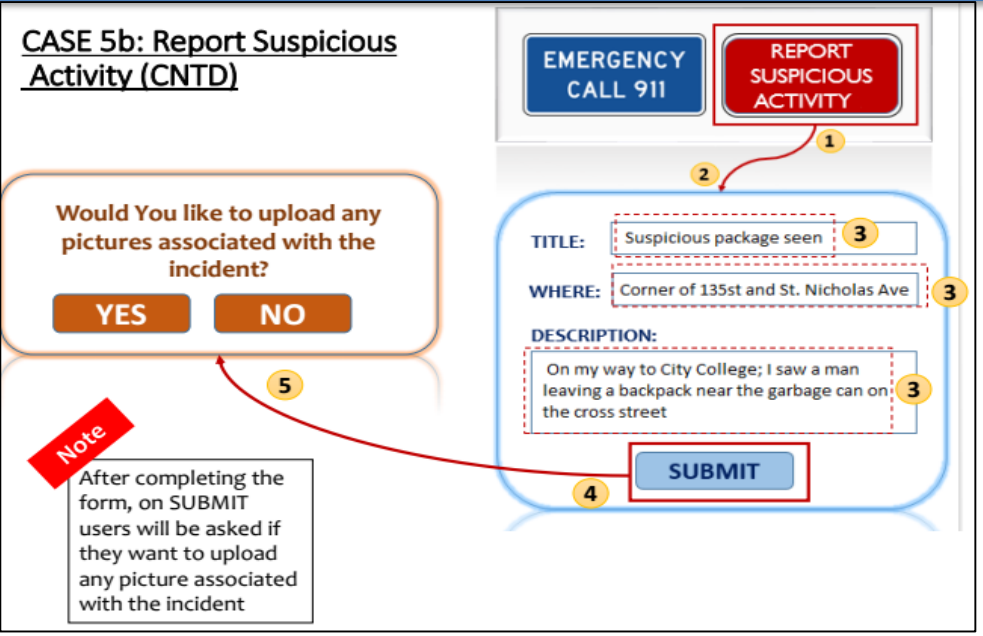


# CASE: Similar for All Case ||STUDENTS CENTER SUGGESTIONS (CNTD.)

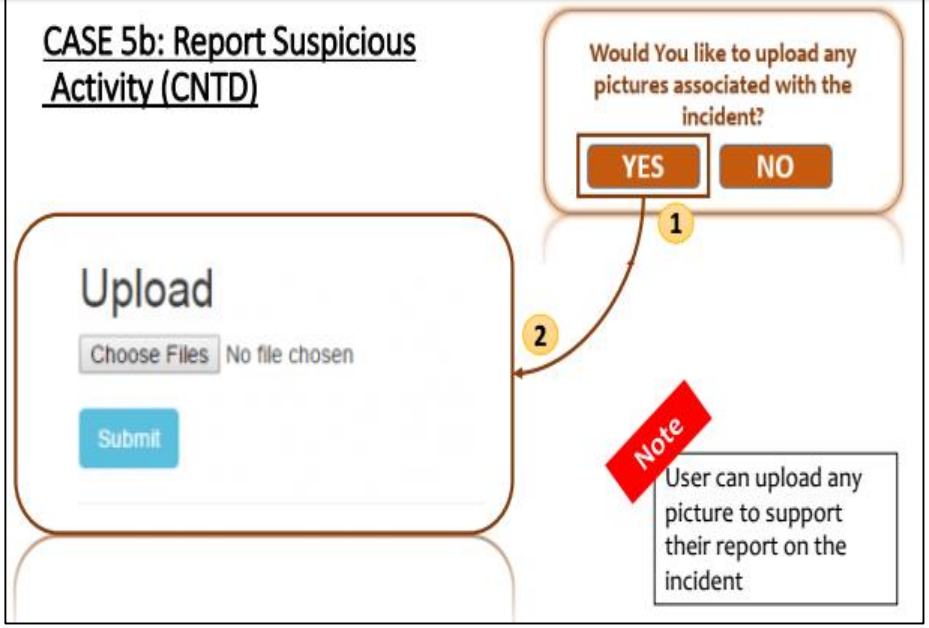
| | |
|---|---|
| Camera | User can take live picture and upload instantly (optional) |
| Upload Picture | User can upload picture from Camera roll (optional) |

# Inconsistency: Too many CONFIRMATION MASSAGES from user

## CASE 5b: Report Suspicious Activity (CNTD)




## CASE 5b: Report Suspicious Activity (CNTD)

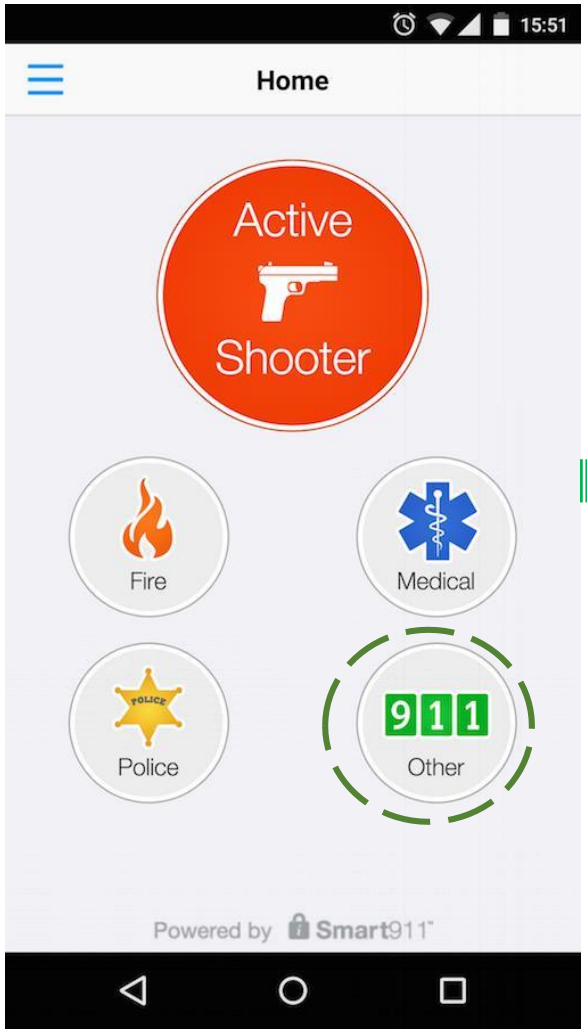


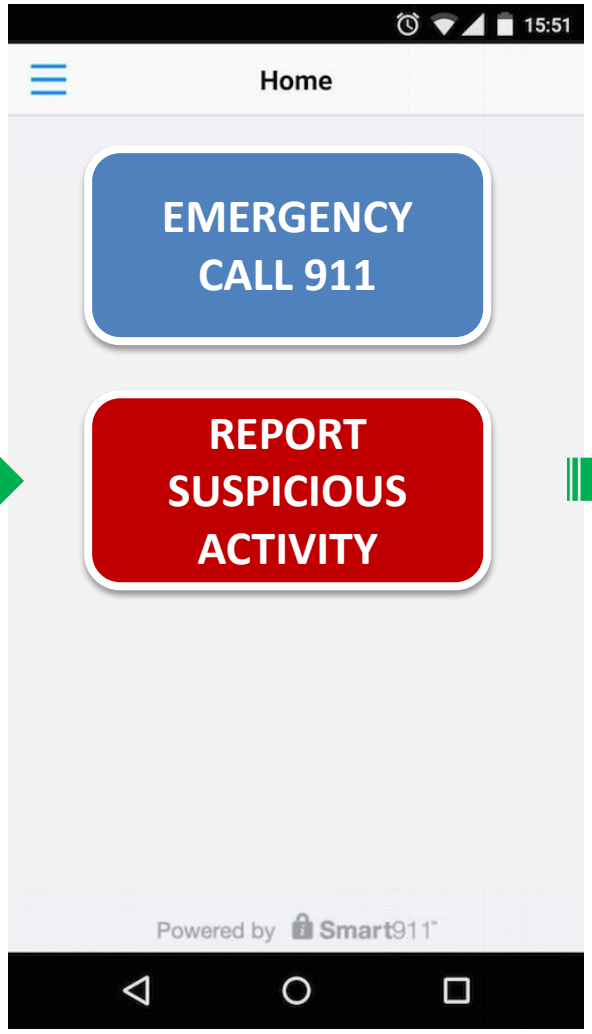

## CASE 5b: Report Suspicious Activity

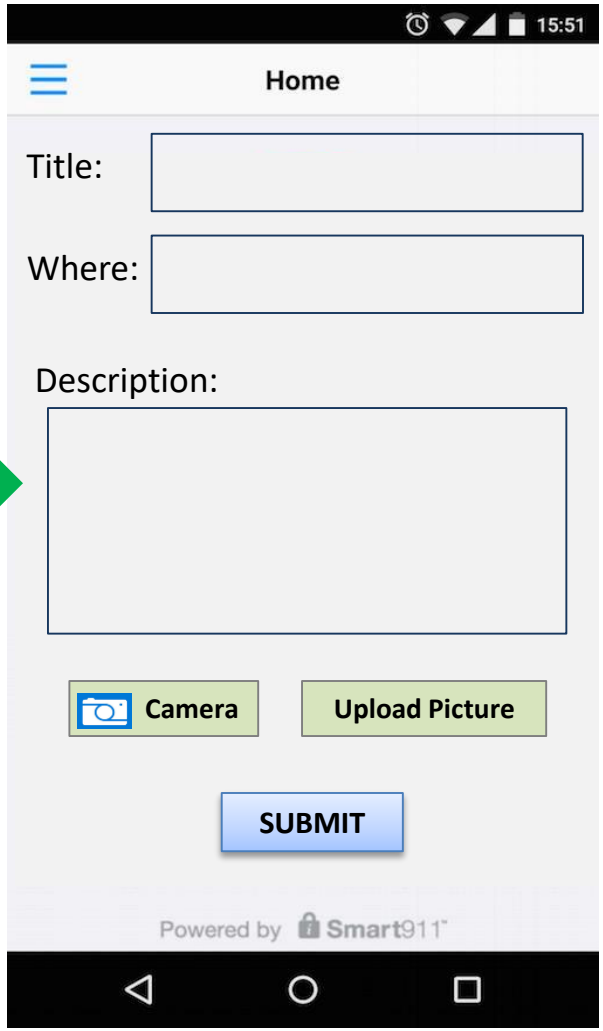
## CASE 5b: Report Suspicious Activity

# CASE: Report Suspicious Activity| |STUDENTS CENTER SUGGESTIONS

| | |
|---|---|
| Camera | User can take live picture and upload instantly (optional) |
| Upload Picture | User can upload picture from Camera roll (optional) |



# CONCLUSION

We think the project falls in Lack of intelligible presentation category. Though the Crime stoppers team covers major items, but there is room to cause erroneous interpretations.

This Mobile application will be mostly for emergency situation as well as for non-emergency situation, so we think the use cases should be more user friendly and use cases should be designed in such a way that people can request help as soon as they can and they can provide much information without compromising time.