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| Submitted by  Atiq Ahammed BSSE 0817  S. M. Khayrul Islam BSSE0822  Institute of Information Technology  University of Dhaka | Submitted to  Md. Nurul Ahad Tawhid  Assistant Professor  Institute of Information Technology  University of Dhaka |

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User Interface Design

Of Compalin Box

# User Profile Analysis

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | User Type | | Admin | City People |
| Personal Information | Gender | | Female or Male | Female or Male |
| Age-range | | 18-65 | 15-65 |
| Skills | Typing ability | Average | Average |
| Familiarity with internet usage | Average | Average |
| Ability to use android phone | Not required | Average |
| Ability to manage website | More than average | Not required |
| Academic | Education | | Graduated | At least PSC |
| Interaction with system | Extent of use of System | | Medium | Medium |
| Level of Engagement | | High | Medium |

# Task Elaboration

## Task of city people

* Login to the android application
  + 1. Email
    2. Password
* Sign up to the android application
  + 1. Username
    2. Email
    3. Password
    4. Age
    5. Residence
* Password recovery
  + 1. Email
    2. Confirm email
    3. Enter new password
* Edit profile information
* Use emergency support information
  + 1. 999
       1. Call to 999
    2. Hospital
       1. View all the hospital location
       2. Call to any specific hospital
       3. View all possible and shortest path from the user’s location to hospital’s location in the map
    3. Police
       1. View all the police station location
       2. Call to any specific police station
       3. View all possible and shortest path from the user’s location to police station’s location in the map
    4. Fire service station
       1. View all the fire service station location
       2. Call to any specific fire service station
       3. View all possible and shortest path from the user’s location to fire service station’s location in the map
* Can view the event posted by DSCC
* Can view the notice published by DSCC
* Can view the application form posted by DSCC
  + 1. Download the form
* Submit problem
  + 1. Select problem category
    2. Capture picture using camera
    3. Select picture from gallery
    4. Insert problem description in text format
    5. Insert problem location in text format
    6. Select exact problem location using google map
    7. Submit the problem to DSCC
* Can view the current status of the own submitted problem
* Logout from the android application

## Task of Admin

* Login to the webpage

1. Email
2. Password

* Password recovery (same as before)
* Manage problem

1. Search problem
2. Enter problem id
3. Select problem category
4. Select problem status
5. Select word no
6. View problem
7. Update problem
8. Update status
9. Update priority
10. Update word no
11. Update category

* Manage event

1. Add new event
   1. Enter event name
   2. Select date & time
   3. Add description
2. Update event information
3. Edit name
4. Edit event date & time
5. Edit description
6. Hide event

* Manage notice

1. Add new notice
   1. Enter notice title
   2. Upload notice file
2. Update notice
   1. Edit notice title
   2. Upload new file
3. Hide notice

* Manage application form

1. Add new application form
   1. Enter application form name
   2. Add application form file
   3. Add description
2. Update application form
3. Edit application form name
4. Add new application form
5. Edit description
6. Hide application form

* Manage emergency support

1. Add new emergency support
2. Enter institute name
3. Add institute location
4. Select institute location in map
5. Add institute phone number
6. Update emergency support
   1. Edit institute name
   2. Edit institute location
   3. Edit institute phone number
7. View institute
8. Hide institute

# Hierarchical representation

## Submit Problem

## Manage Problem

## View Application Form

## Manage Application Form

# User Interface Transition

System Admin

City People

# Interface Design

## Mobile app interface examples

## Admin web page design example

# Previously Developed Interface