Date: 25/10/2018

User Interface Design

Of Compalin Box

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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
  - i) Email
  - ii) Password
- Sign up to the android application
  - i) Username
  - ii) Email
  - iii) Password
  - iv) Age
  - v) Residence
- Password recovery
  - i) Email
  - ii) Confirm email

iii) Enter new password
- Edit profile information
- Use emergency support information
    i) 999
        (1) Call to 999
    ii) 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
    iii) 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
    iv) 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
    i) Download the form
- Submit problem
    i) Select problem category
    ii) Capture picture using camera
    iii) Select picture from gallery
    iv) Insert problem description in text format
    v) Insert problem location in text format
    vi) Select exact problem location using google map
    vii) Submit the problem to DSCC
- Can view the current status of the own submitted problem
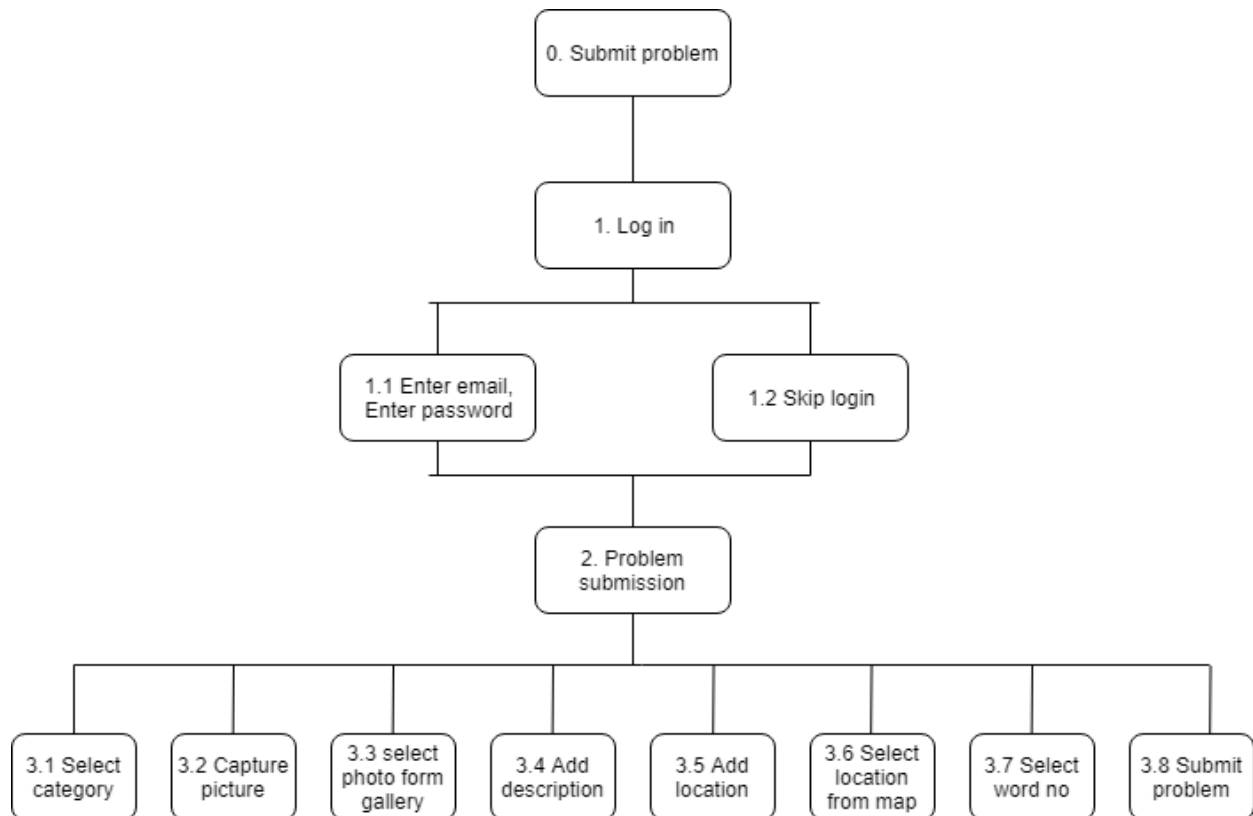- Logout from the android application

Task of Admin
- Login to the webpage
  1) Email
  2) Password
- Password recovery (same as before)
- Manage problem
  1) Search problem
     a) Enter problem id
     b) Select problem category
     c) Select problem status
     d) Select word no
  2) View problem
  3) Update problem
     a) Update status
     b) Update priority
     c) Update word no
     d) Update category
- Manage event
  1) Add new event
     a) Enter event name
     b) Select date & time
     c) Add description
  2) Update event information
     a) Edit name
     b) Edit event date & time
     c) Edit description
  3) Hide event
- Manage notice
  1) Add new notice
     a) Enter notice title
     b) Upload notice file
  2) Update notice
     a) Edit notice title
     b) Upload new file
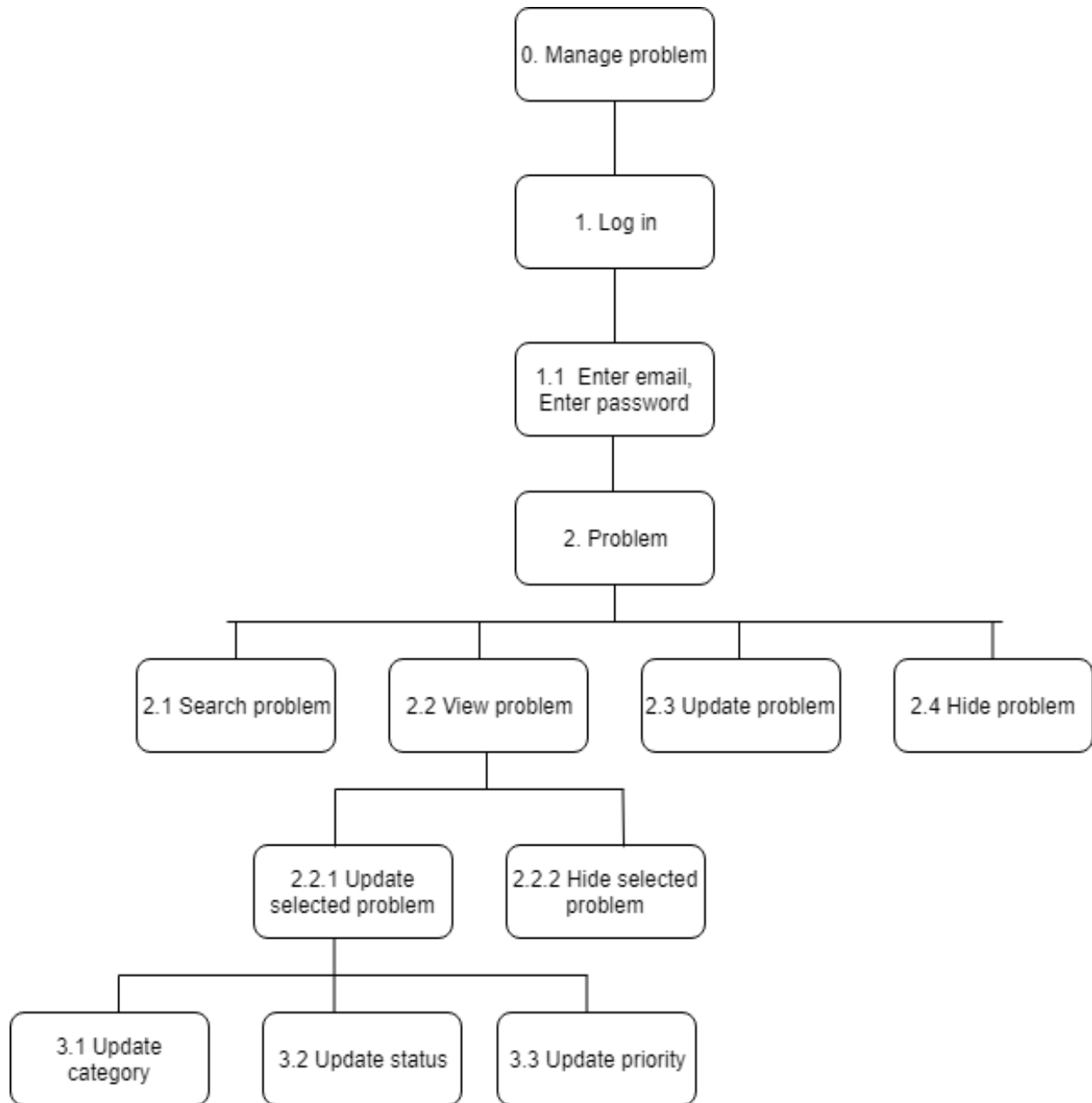
3) Hide notice
- Manage application form
  1) Add new application form
     a) Enter application form name
     b) Add application form file
     c) Add description
  2) Update application form
     a) Edit application form name
     b) Add new application form
     c) Edit description
  3) Hide application form
- Manage emergency support
  1) Add new emergency support
     a) Enter institute name
     b) Add institute location
     c) Select institute location in map
     d) Add institute phone number
  2) Update emergency support
     a) Edit institute name
     b) Edit institute location
     c) Edit institute phone number
  3) View institute
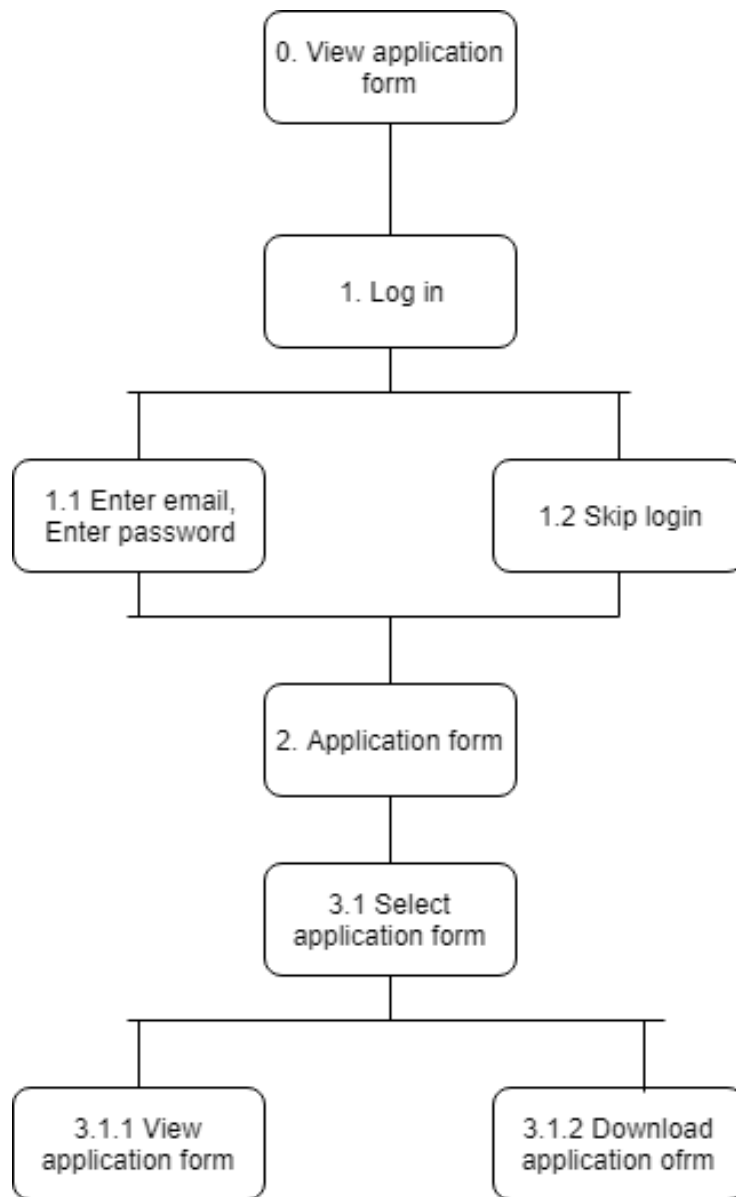 4) Hide institute

Hierarchical representation

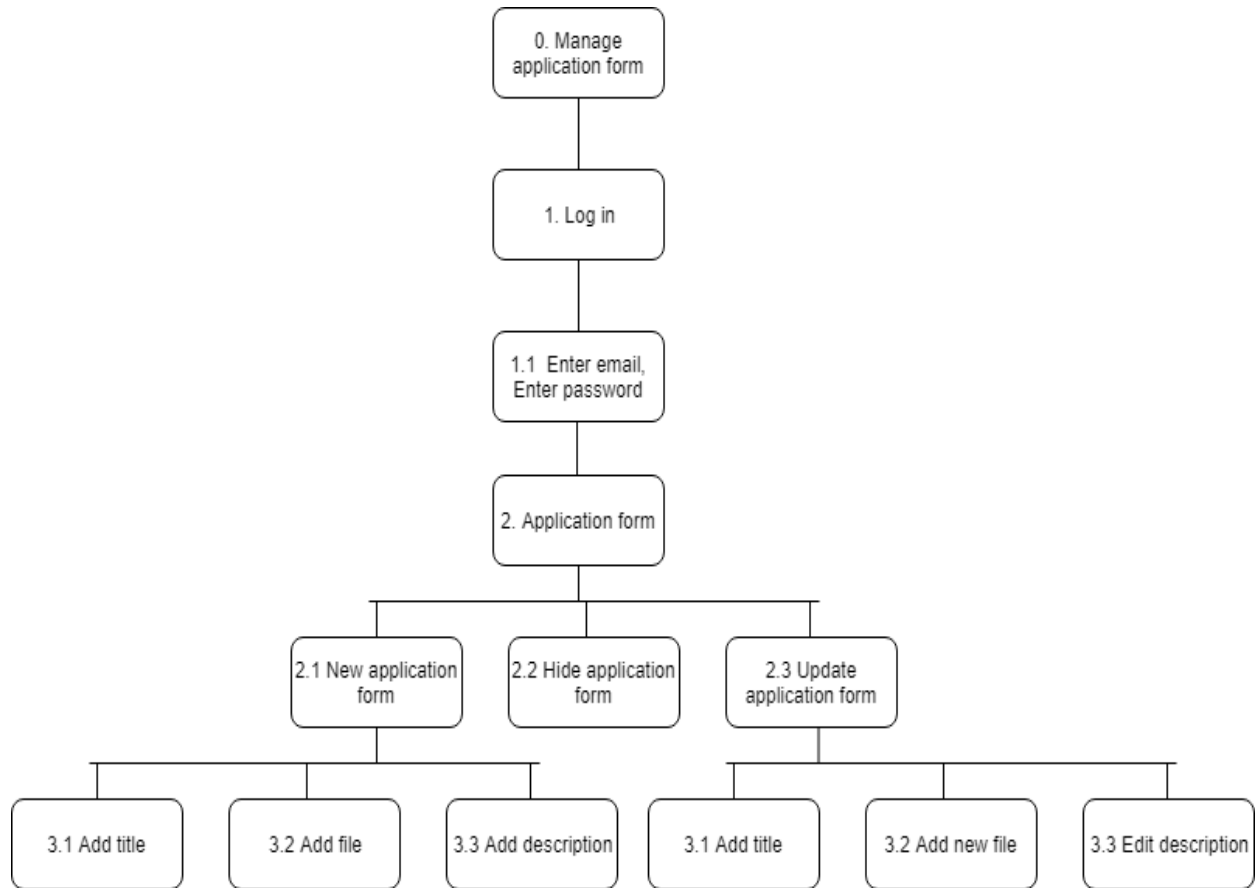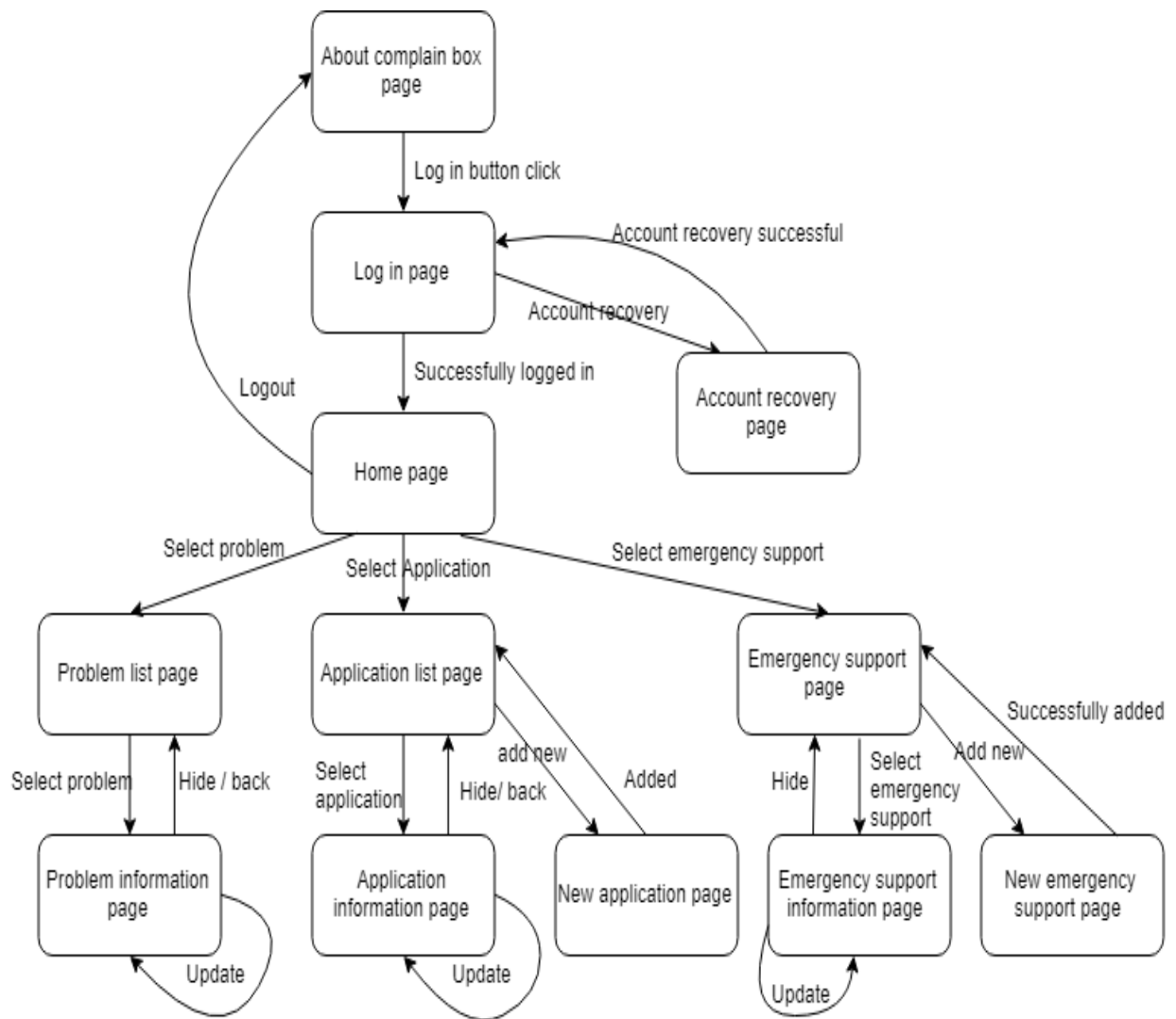**Submit Problem**

Manage Problem

View Application Form

Manage Application Form

User Interface Transition

System Admin

City People