



SPL -2 Final Presentation

Emergency Rescue And Police Helper System

BY

MD. RUHUL AMIN RAHAT

BSSE 0616

SUPERVISOR

ASIF IMRAN ANIK

LECTURER, IITDU

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Software Feature List

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- ▶ User app will send rescue request to nearest police or fire service station if user becomes a victim of crime or danger
- ▶ Rescue request involves
 - SMS to send info
 - GPS to acquiring exact location of user
- ▶ Nearest police or fire service station receives
 - Victim's exact location
 - Victim's phone no.
 - Clue of attack or attacker's info

Software Feature List

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- ▶ After rescuing the victim, corresponding police or fire service station will send "Review info" to server.
- ▶ Review info contains
 - What problem the victim faced
 - What actions were taken by police or fire service
- ▶ An admin from DMP and FSCD can check review info for every rescue message

Software Feature List

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- ▶ The admin will check security vulnerability by rescue message statistics
- ▶ Statistics contains:
 - Rescue requests based on time unit
 - Rescue requests based on different area

User Scenario

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- ▶ The system contains general user app, app server, website and service app
- ▶ An admin from DMP and FSCD maintains website
- ▶ Every police and fire service station have service app
- ▶ By logging in, user will view 3 options:
 - 1) User manual
 - 2) Police Help
 - 3) Fire service

User Scenario

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- ▶ By "Police help" button user can give any clue of attack in critical cases
- ▶ After pressing any button, the app will send user's location to nearest police or fire service station
- ▶ Receiving message, police or fire service station will locate the victim and take proper action
- ▶ After rescuing a victim, they'll send "Review" to server.

User Scenario

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- ▶ Server keeps database that has info about every rescue requests
- ▶ By logging in, the admin'll view statistics of rescue requests for
 - 1) Time basis
 - 2) Area basis
- ▶ The admin'll check the "Review info" for every rescue requests that contains
- ▶ What problem the user faced
- ▶ What actions are taken

Limitations

- ▶ Temporary "bottle neck problem" while SMS parsing
- ▶ For this reason
 - 1) Victim's exact location is not displaying in service app
 - 2) Currently, less accurate location is displayed in google map
- ▶ The problem can be solved without coding

Thank You