**NOUN ANALYSIS**

**Table Initial Noun:**

|  |  |
| --- | --- |
| Natural disaster | vague |
| disaster | general |
| Situation | vague |
| warning | vague |
| Road accident | vague |
| data | vague |
| World health organisation | vague |
| year | vague |
| road | vague |
| india | vague |
| contact-number | attribute |
| user | general |
| pedestrians | vague |
| children | vague |
| cost | vague |
| losses | vague |
| range | vague |
| during | vague |
| emergency-situation | general |
| time | vague |

|  |  |
| --- | --- |
| person | duplicate |
| family | duplicate |
| hospital | duplicate |
| help-centre | general |
| lot | vague |
| time | duplicate |
| effort | vague |
| case | vague |
| person | duplicate |
| communication | vague |
| technologies | vague |
| media | vague |
| tools | vague |
| role | vague |
| emergency | duplicate |
| rescue | vague |
| Smart device | vague |
| probable | vague |
| features | vague |
| application | duplicate |
| software | vague |
| time | duplicate |
| person | duplicate |
| need | vague |
| emergency | duplicate |
| minutes | vague |
| Home screen | vague |
| power | vague |
| button | vague |
| username | attribute |
| password | attribute |
| pin | attribute |
| situation | duplicate |
| mode | attribute |
| user | general |
| code | vague |
| message | associatio |
| user | duplicate |

|  |  |
| --- | --- |
| time | duplicate |
| situation | duplicate |
| help | duplicate |
| person | duplicate |
| information | general |
| mistake | vague |
| problems | vague |
| user | duplicate |
| Blood group | attribute |
| allergies | attribute |
| hospital | duplicate |
| treatment | vague |
| application | duplicate |
| device | duplicate |
| data | association |
| case | duplicate |
| enable | vague |
| part | vague |
| life | vague |
| today | vague |

|  |  |
| --- | --- |
| people | duplicate |
| device | duplicate |
| world | duplicate |
| smartphone | duplicate |
| device | duplicate |
| proportion | vague |
| internet | vague |
| access | vague |
| Road accidents | duplicate |
| person | duplicate |
| family-member | duplicate |
| hospital | duplicate |
| lot | vague |
| time | duplicate |
| condition | duplicate |
| person | duplicate |
| situation | duplicate |
| need | vague |
| application | duplicate |

|  |  |
| --- | --- |
| software | duplicate |
| help | duplicate |
| centre | duplicate |
| condition | duplicate |
| location | attribute |
| person | duplicate |
| GPS location | duplicate |
| user | duplicate |
| photos | attribute |
| videos | attribute |
| emergency | duplicate |
| contact-number | duplicate |
| idea | vague |
| user | duplicate |
| picture | duplicate |
| women-safety | vague |
| future | vague |
| feature | duplicate |

|  |  |
| --- | --- |
| calamities | vague |
| state | vague |
| patient | vague |
| picture | duplicate |
| photo | duplicate |
| video | duplicate |
| help | duplicate |
| doctor | vague |
| instruction | vague |
| auto-dial | attribute |
| device | duplicate |
| calls | duplicate |
| information | duplicate |
| capture | duplicate |
| Pulse rate | attribute |
| Blood pressure | attribute |
| temperature | attribute |
| orientation | attribute |
| compass | vague |
| information | duplicate |

|  |  |
| --- | --- |
| case | duplicate |
| calamities | duplicate |
| limitation | vague |
| people | duplicate |
| application | duplicate |
| phone | duplicate |
| computer | duplicate |
| software | duplicate |
| access | vague |
| data | duplicate |
| iternet | duplicate |
| WIFI | vague |
| connection | duplicate |
| GPS location | duplicate |
| data | duplicate |
| availability | vague |
| software | vague |
| times | vague |
| internet | duplicate |
| everybody | vague |

|  |  |
| --- | --- |
| phone | duplicate |
| software | duplicate |
| internet | duplicate |
| thing | vague |
| person | duplicate |
| SMS | attribute |
| help | duplicate |
| disaster | duplicate |
| earthquake | vague |
| flood | vague |
| calamity | duplicate |
| disaster | duplicate |
| network | vague |
| photo | duplicate |
| video | duplicate |
| data | duplicate |
| network | duplicate |
| need | duplicate |
| emergency | duplicate |
| contact | duplicate |

|  |  |
| --- | --- |
| person | duplicate |
| feature | duplicate |
| itself | duplicate |
| software | duplicate |
| use | duplicate |

**Potential Classes:**

|  |  |
| --- | --- |
| User | Can be a class |
| User-Information | No need for this class in addition to User class |
| Blood group | Attribute of user class |
| allergies | Attribute of user class |
| Blood pressure | Attribute of user class |
| Capture | Probable class |
| location | Method of capture class |
| family-member | Not relevant class for this system |
| hospital | Can be a class |
| Police station | Can be a class |
| Fire brigade | Can be a class |
| Help centres | Can be a class |
| ambulance | Not relevant for this system |
| photos | Attribute of capture |
| videos | Attribute of capture |
| condition | Not relevant for this system |
| Contact list | Can be class |
| SMS | Can be a class |
| auto-dial | Can be a class |
| Emergency mode | Can be class |
| Nearby help-centre | Can be a method |

**Selected Classes:**

|  |  |  |
| --- | --- | --- |
| Class | attribute | methods |
| Emergency Mode | status |  |
| User | Username  Blood group  Allergies  blood -pressure  Health problems |  |
| Auto\_dial |  | auto\_search(),call(), send\_SMS() |
| Help centre | Name  acceptance\_status |  |
| Capture | capture\_status | capture\_location()  capture\_photos() capture\_videos() store() |
| Emergency\_contact\_list | Contact\_nos., priority |  |

**Class Model version 0:**

