**DATA DICTIONARY**

1. Emergency\_mode

Emergency mode = status

status = [“on” | “off”]

turn\_on: turns the emergency mode on

turn\_off: turns off the emergency mode

2. User

User = username + blood\_group + blood\_pressure + health\_problems

username = \*name of the user recognised by the system\*

blood\_group = \*blood group of the user\*

blood\_pressure = \*blood pressure of the user\*

health\_problems = \*any health issues the user has\*

store: stores the information provided by the user

3. auto\_dial

auto\_dial = contact\_number + help\_centre\_contact

contact\_number = \*contact number of emergency help person\*

help\_cntre\_contact = \*contact number of nearby help centre\*

auto\_search: search for the nearby hospital when the emergency mode is on.

call: calls on the numbers present in the emergency contact list based on

priority.

send\_SMS: this will send SMS to the searched nearby hospital.

4. help\_centre

help\_centre = name + acceptance\_status + type\_of\_service

name = \*name of the help centre\*

acceptance\_status = [“yes” | “no”]

type\_of\_service = [“hospital” | “police station” | “fire brigade”]

5. capture

capture = capture\_status

capture\_status = [“on” | “off”]

capture\_location: capture the GPS location of the device

capture\_photos: turn on the camera and capture photos

store: store the captured information in the device’s memory

6. emergency\_contact\_list

emergency\_contact\_list = contact\_no. + priority

contact\_no. = \*emergency contact number\*

priority = \*priority in which the call to the emergency contact numbers is to be

made\*

update: update the emergency contact list

delete: delete entry of emergency contact list

7. dial\_manual

dial\_manual = user\_type + service\_option

user\_type = \*contains the information whether you want the help service for

yourself or for someone else\*

service\_option = \*what option of help service you have selected\*

read\_location: reads the location entered by the user if service is needed for

someone else or captures the GPS location if the user himself

wants the service.

search: searches the nearby help centre according to service option provided

by the user

display: displays the searched nearby help centres.

send\_captured\_info: send captured information to the selected nearby help

centre

8. confirm\_emergency

confirm\_emergency = status

status = [“yes” | “no”]

send\_OTP: send OTP to the user’s mobile phone

check: check if the OTP entered by the user is correct or not

9. registration

registration = name + username + password

name = \*name of the user\*

username = \*name of the user recognised by the system\*

password = \*password for the user’s account on the system\*

email\_id =\*email id of user\*

mobile\_no=\*mobile number of user\*

store\_info: store the information entered by the user like username, password,

mobile number

confirm: checks that the OTP entered by the user is correct

send\_OTP:\*send OTP on entered mobile number\*

send\_link:\*send link on entered emai\_ID\*

10. login

login = username + password

username = \*name of the user recognised by the system\*

password = \*password for the user’s account on the system\*

authenticate: checks the password entered by the user is correct or not