SAAMPARAYA

"Real Time Emergency Service"

- UNDER THE GUIDANCE OF:-

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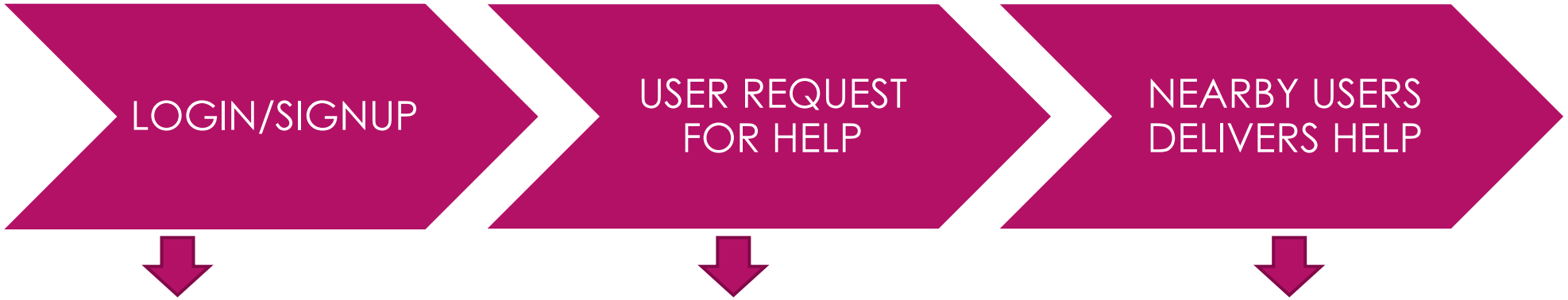
OBJECTIVE:-

Emergency situations can occur with anybody and anywhere. In case of emergencies, the user may not be have enough time to dial for the emergency number, his/her family, friends or a hospital. With the innovation herein described, an application can be made to automatically request the nearby people for help when it is activated.

WHAT IS IT?

It is a visual basic based application that helps people who sense danger ahead. Through this application one can ask for help from the nearby pre-existing users of the application.



Existing users simply login using their ID and Password. And new users need to SIGNUP by filling the details and verifying by uploading recent photograph.

On sensing any danger one can ask for help from the nearby verified users.

The nearby requested person reaches the crime sight and helps the needy.

System Architecture:

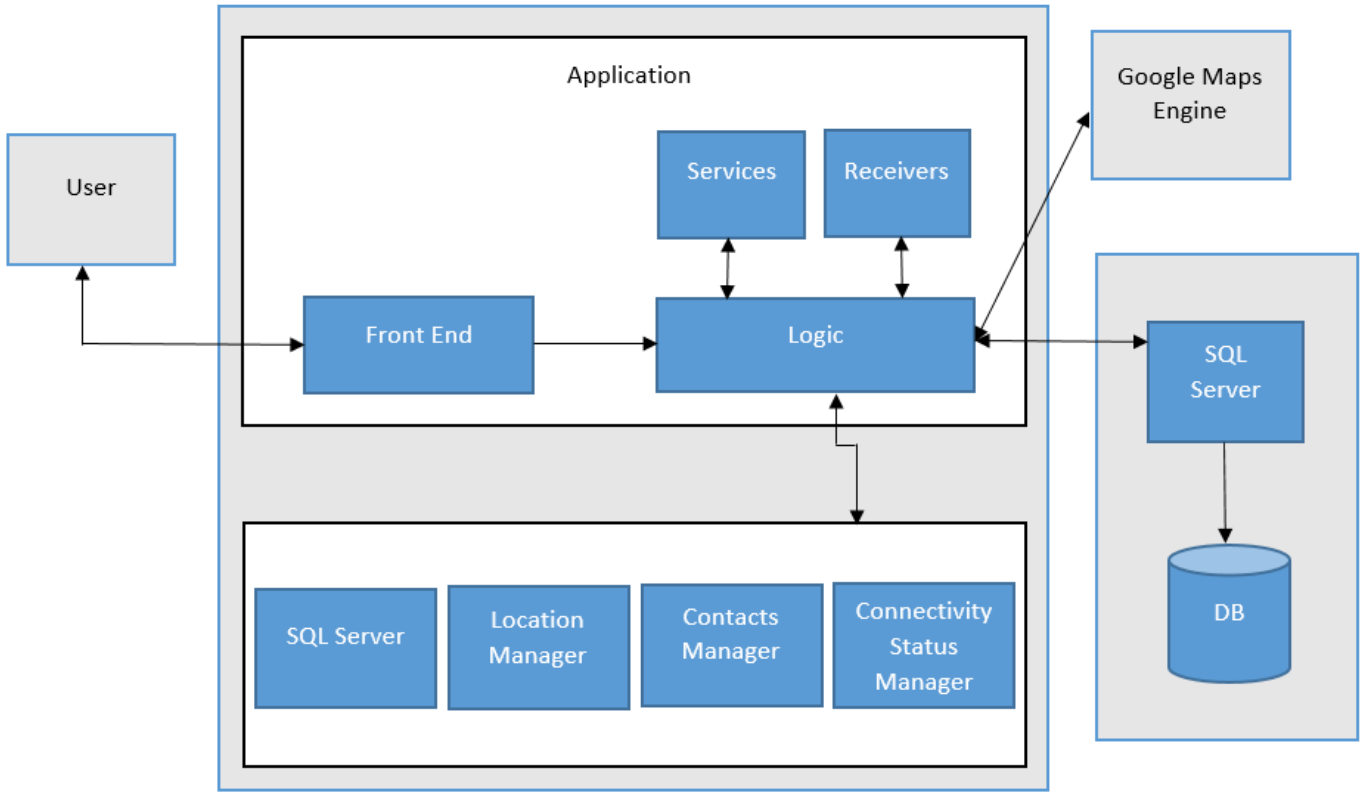


Figure 1. System Architecture

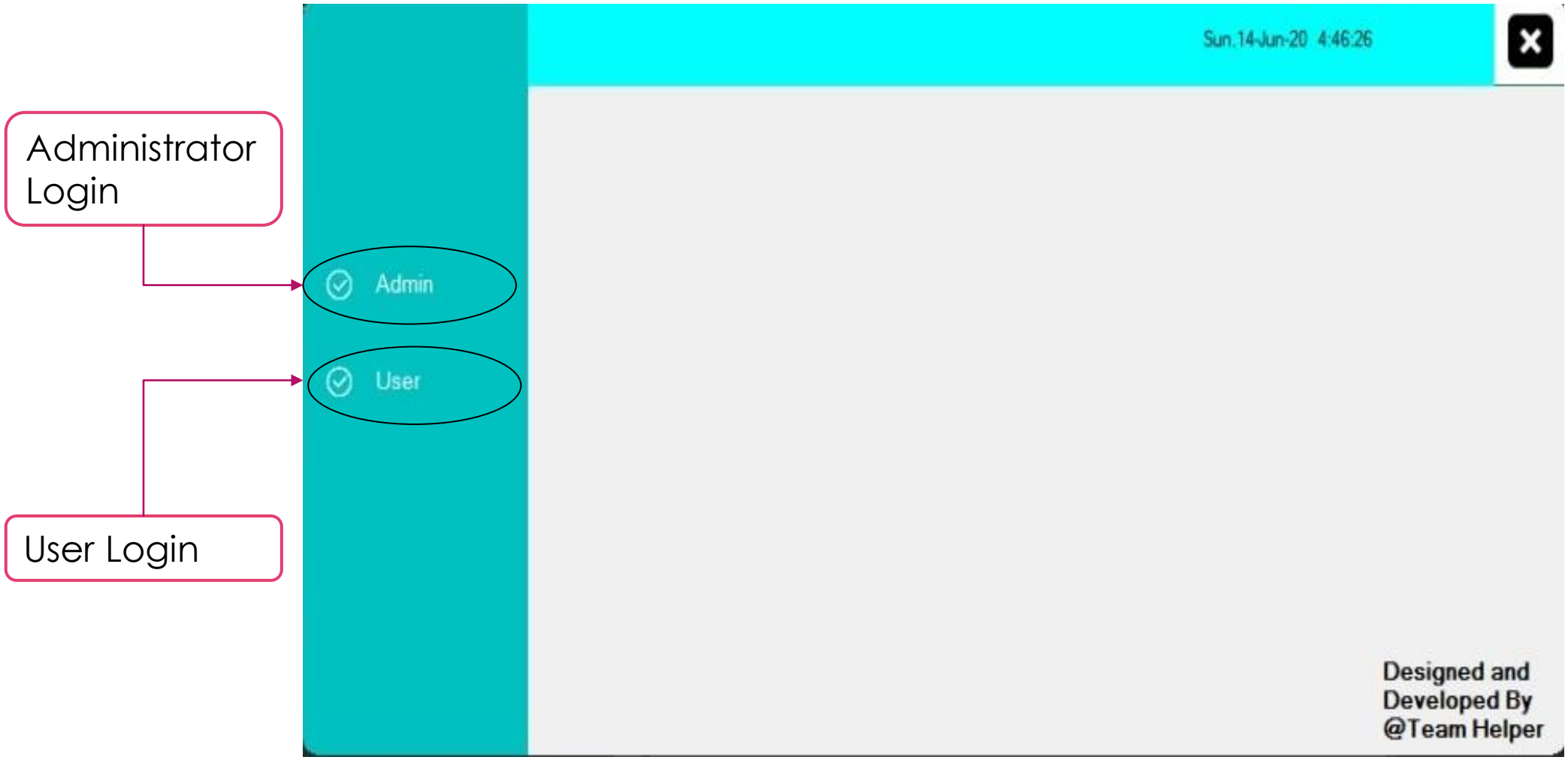


Figure 2. First window after launching the application.

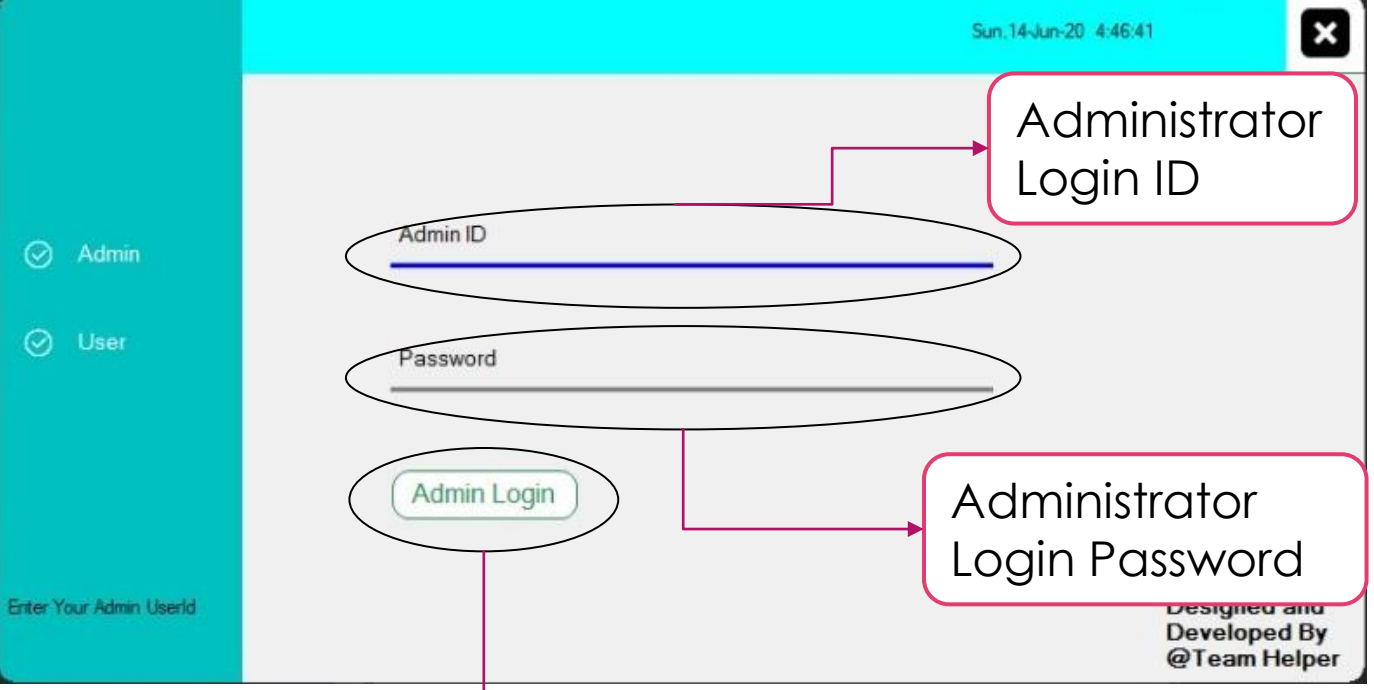


Figure 3. Admin login screen.

After successful login administrator will enter the database.

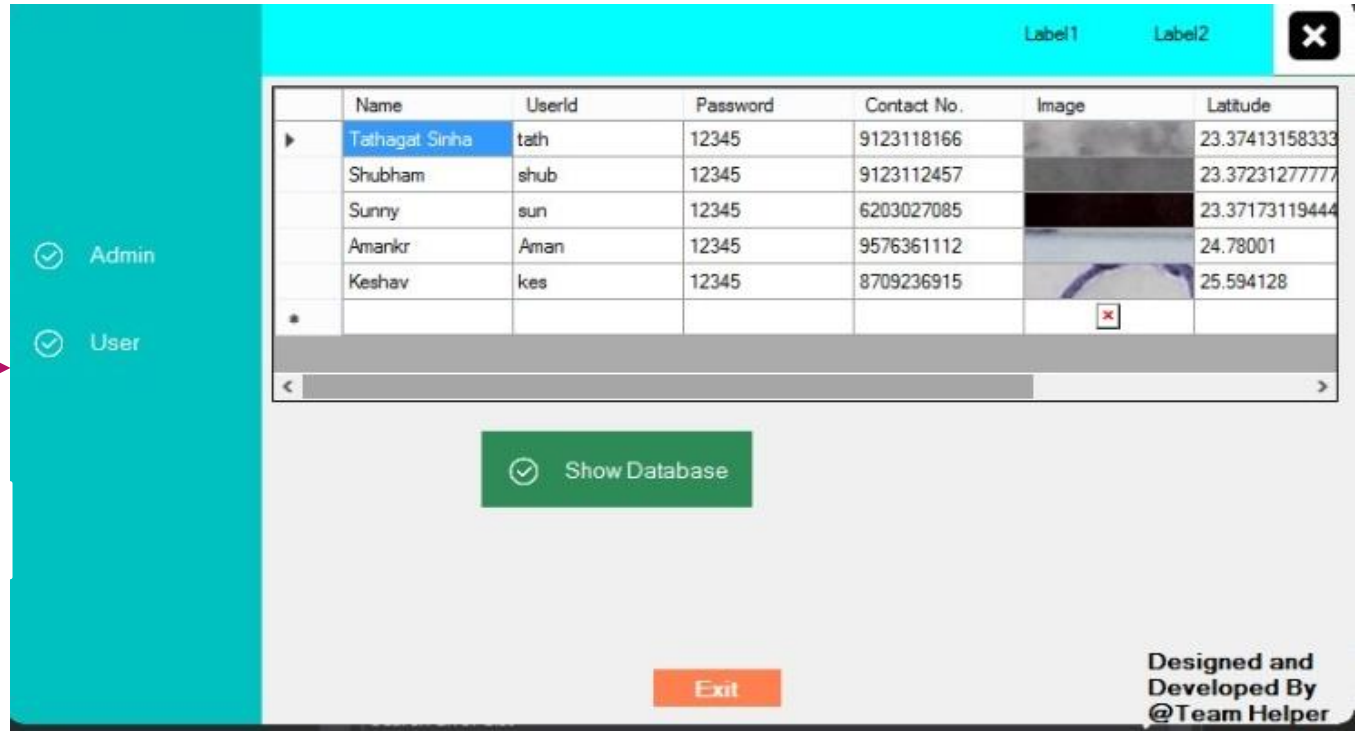


Figure 4. Data stored in the database.

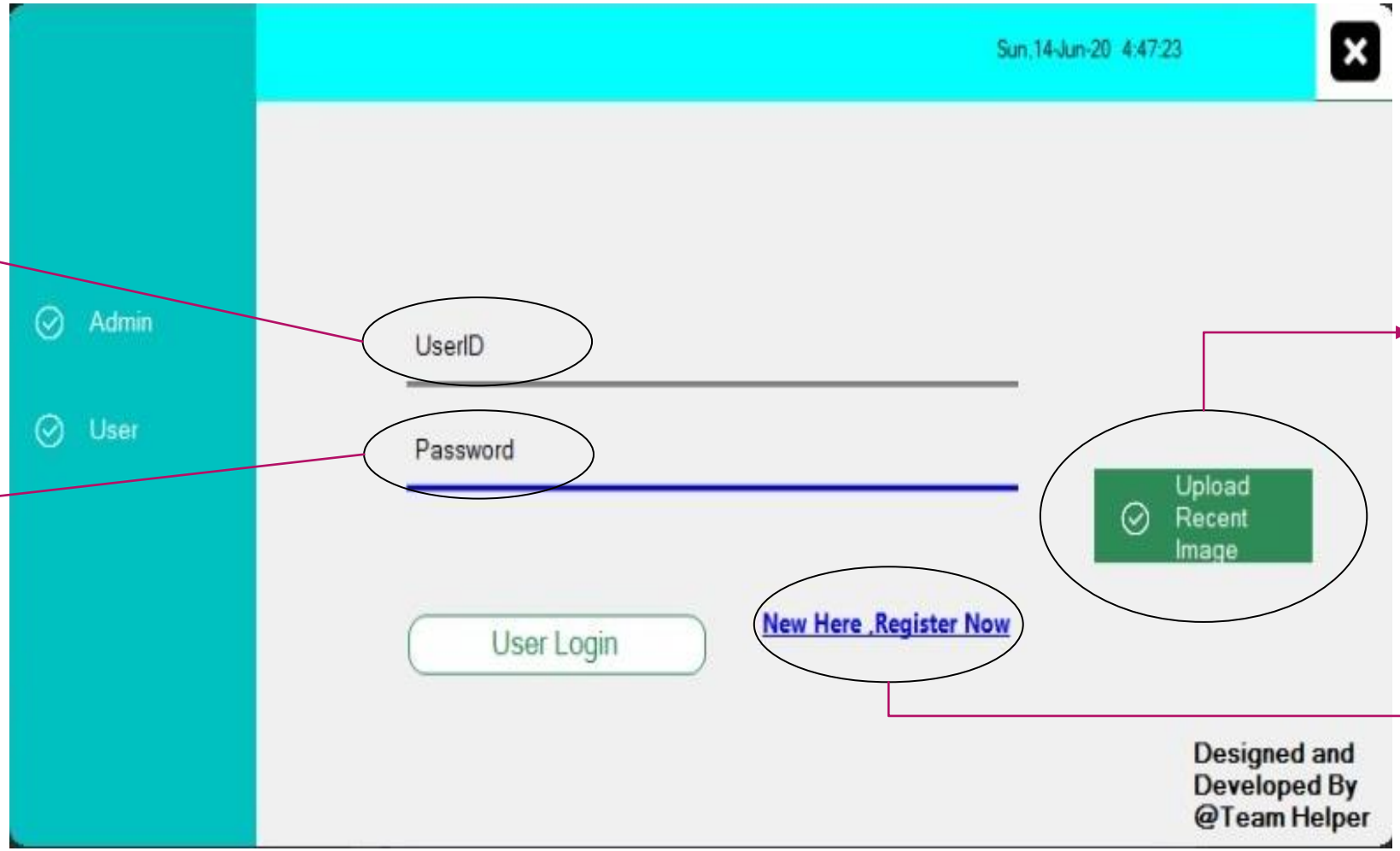


Figure 5. User login window.

Enter your name here.

Choose a strong password.

Enter a valid email address.

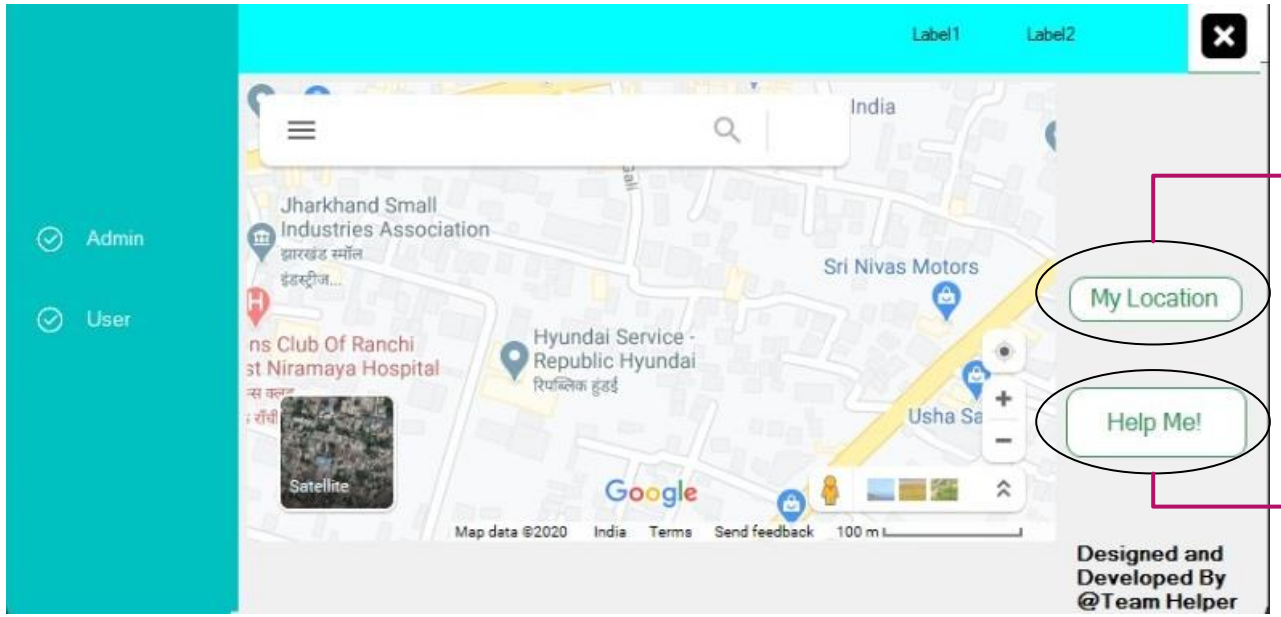
Upload your recent photograph here.

Choose an unique username.

Enter your working mobile number.

After filling up every field he/she will be registered.

Figure 6. New user registration window.

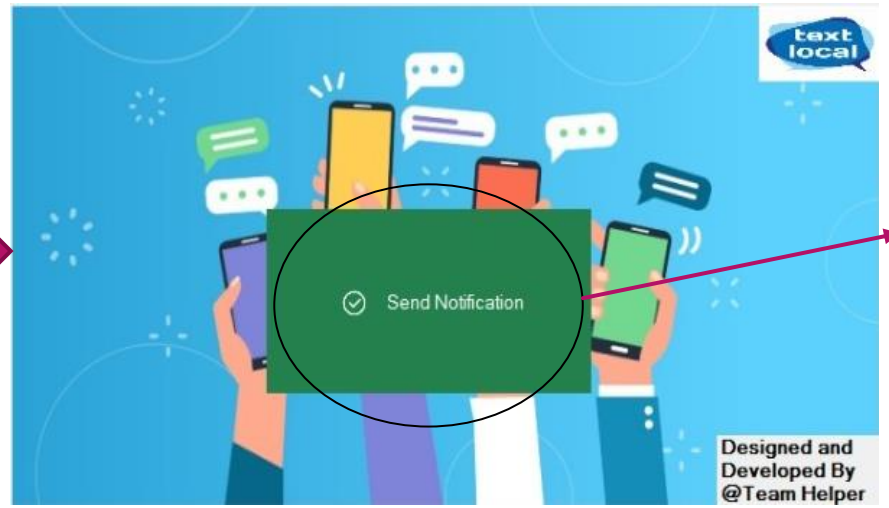


It allows user to get their current location.

In panic situations user can request help from here.

Figure 7. Interface after successful login.

If user requests for help by clicking on 'Help Me!' option then notification sending window will open to send panic notification with the last login location of the user.



It allows user to send panic notification containing the current login location of the user.

Figure 8. Notification sending window.

MAJOR FEATURES:-

- The user can ask for help from the nearby registered users by simply clicking on ‘Help Me!’ option.
- The user can send panic notification containing the last login location of the user.
- The user can also get the current location by clicking on the ‘My Location’ option.

LIMITATIONS:-

- The last login location is sent. So if the user keeps changing its location then it will be difficult to trace the exact location.
- Currently support for help only through SMS is allowed. So at some places where the network faces problem then at those locations functionalities of this application can’t be utilized properly.

FUTURE WORK:-

An app for personal safety purpose has a lot of scope for enhancement. In the future the app may include features like:

1) A mobile application can be made to deliver the services to large amount of people.
2) A home screen widget that can be used as a triggering point to send panic notifications. A user would then not have to open the app to send these panic notifications.
3) Initiating a call to a number set from within the application when the user presses the help button.
4) Support for the wearables and activation through simple phone gestures.
5) Location tracking within a close group which can be used by families and friends of the user and would allow them to continuously track the location of the user.
6) A good SOS alert app must be real quick! The UI/UX design and the back end functionalities should add up not to make the app any slower. When a person is in an adverse condition, time is of the essence.
7) Setting up a password to stop the application. This will help in the circumstances when someone tries to forcefully get the control of the application to deactivate the request.

THANK YOU