NeverLost

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# Project Overview

## Project purpose

losing something during your day can irritate you for the rest of it but what if you lost your loved ones.

200,000 Children are reported missing every year in Europe 33% Of children reported missing in 2020 were found by the police, this figure comes from the 116,000 hotlines, which worked in collaboration with investigators from 19 European countries. While 38% came back on their own, 20% were found by a third party and 9% some other way.

In [France,](https://www.droitdenfance.org/pages/116000/Communique_Presse_25mai_un_Myosotis_la_boutonniere.pdf) 53,439 minors were reported missing in 2018.

In the [United Kingdom,](https://globalmissingkids.org/awareness/missing-children-statistics/) approximately 112,853 children are reported missing each year.

In the [United States,](https://www.fbi.gov/file-repository/2015-ncic-missing-person-and-unidentified-person-statistics.pdf/view) approximately 460,000 children are reported missing each year, and the list goes on,

## Project Scope and expected outcome

The proposed project is a mobile application (using Kotlin native development) for Identifying missing people using (QR code, face detection) and sending notifications to their parents with the location (Using central Server) and providing them with the best path to reach them using Google GPS APIs to help them to reunite with their beloved ones.

When you open the application, you will be able to chose one of 2 choices (register a new account – you found a lost person).

If you chose to register a new account, then you scan the (QR-NFC-face) and then add your contact data.

Else if your chose that you found a lost person then the application will ask you to scan his QR code/ NFC.

Then the app will send a notification in the person beloved one’s phone that the person is missing with the location.

The app will make them able to contact with the one who found the missing person.

Then the app will give you the best path to get to the missing person and it will tell the person who find the missing person the estimated time of arrival.

# Examples of application on tracking

## Find my kids

<https://findmykids.org/en>

* Receive notifications about the locations that your child visits
* Track your child’s location history
* Listen to what is happening around your child
* Receive an SOS-signal from your child
* See mobile apps usage statistics

## Where’s my Droid

<https://wheresmydroid.com/>

* Use GPS to find your device’s location on a map and see past locations to track its movements.
* Lock your device from anywhere to keep your personal information safe.
* Automatically detect and react to a potential theft.
* Get the location of your device on low power.
* Take pictures with the device’s camera on-demand or when a screen lock attempt fails
* Activate different features when your device leaves a confined area.

## FamiSafe Child Tracker

<https://famisafe.wondershare.com/>

* You can track the real-time location and check the location history of the target device using FamiSafe.
* Set screen time limits in specific places like schools and make sure their phone cannot be used during study or sleep time.
* Parents can let kids share real-time locations on kids' iOS devices.
* In FamiSafe, the user will find a flexible subscription place that is affordable in price.

## Family Locator

<https://family-locator.com/>

* Live location tracking is an amazing function of Family Locator with a GPS tracker.
* Share location with more than one user.

## Norton Family parental control

<https://family.norton.com/web/?sr=https://www.google.com/>

* With Norton Family Parental Control, you can easily access the location of your kid's device without knowing them.
* Website blocking is also possible with the help of Norton Parental Control.
* You can also track web browsing history including YouTube history, and web browser.

# Features Table

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Project Number | NeverLost | 1 | 2 | 3 | 4 | 5 |
| Sending Notification If Missing | ✔ | ❌ | ❌ | ❌ | ❌ | ❌ |
| Tracking person location | ❌ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Giving Shortest path | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| Receive SOS from the kid | ❌ | ✔ | ❌ | ❌ | ❌ | ❌ |
| Find the kid if the phone is lost | ✔ | ❌ | ❌ | ❌ | ❌ | ❌ |
| Can Contact the founder of the missing person | ✔ | ❌ | ❌ | ❌ | ❌ | ❌ |
| Face Detection | ✔ | ❌ | ❌ | ❌ | ❌ | ❌ |