INTERNATIONAL BURCH UNIVERSITY
FACULTY OF ENGINEERING AND INFORMATION TECHNOLOGIES
DEPARTMENT OF INFORMATION TECHNOLOGIES

COVID Contact

Software Project Management

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Introduction

About project

The *COVID Contact* app is an app that helps to detect COVID-19 contacts as soon as possible. This app will alert you if you have been in close contact, despite specifying who, where, or when, with someone who has tested positive for coronavirus; if you have tested positive for coronavirus, you can anonymously alert other users of the app with whom you have had close contact; and recommend you the actions you should take to defend yourself and others.

The *COVID Contact* app will use Bluetooth to connect with other devices that are also using this app. If a user is tested positive for the coronavirus, the user can send a warning to all of his/her close contacts over the past 14 days. This will be done anonymously, meaning that no one will know when or where close contact happened and also will protect users' privacy without sharing any personal information.

If the user receives notification that he/she was in close contact with someone who tested positive for the coronavirus, the user won't know with who when, or where that contact happened. User will only know how close he/she was to that person and for how long that encounter lasted. And the app will advise the user on actions he/she should take to protect himself/herself.

What problem is it solving?

Since COVID-19 spreads mainly through the air when people are near each other it leaves an infected person as they breathe, cough, sneeze, or speak and enters another person via their mouth, nose, or eyes. It may also spread via contaminated surfaces. People remain infectious for up to two weeks and can spread the virus even if they do not show symptoms. The COVID Contact app will help people to minimize the spreading of coronavirus by alerting users if they may be infected and advising them to quarantine themselves to be cautious and by that spreading of coronavirus will be minimized.

Product vision

THE PRODUCT VISION BOARD
romanpichler

VISION	To help to minimize the spreading of coronavirus.

TARGET GROUP	NEEDS	PRODUCT	BUSINESS GOALS
Users: people Customers: people	Main problem: coronavirus pandemic Primary benefit: lower infection rate for BiH citizens	The *COVID Contact* app is an app that helps to detect COVID-19 contacts as soon as possible.	Our company will benefit on advertising revenue.

Product roadmap

	5.2.2021.	24.3.2021.	2.5.2021.	13.6.2021.
DATE The release date or timeframe *(Date or timeframe)*	5.2.2021.	24.3.2021.	2.5.2021.	13.6.2021.
NAME The name of the new release *(Name/version)*	Version 1.0	Version 1.1	Version 1.2	Version 2.0
GOAL The reason for creating the new release *(Goal)*	Acquire an initial user base	Expanding the user base	Retention	Expanding app to other cities in country
FEATURES The high-level features necessary to meet the goal *(Features)*	Post this free app on App Store and Play Store	Integration with smart watches	Enhanced visual design	Enhance tracking and Bluetooth connections
METRICS The metrics to determine if the goal has been met *(Metrics)*	10,000 + downloads	New 100 000+ downloads	Daily active users	New 500 000+ downloads

Product backlog and priorities of product backlog items

| ITEM | As a/an | I want to... | So that… | Acceptance criteria | PRIORITY 1, 2 | | TOTAL |
					Business Value	User impact	
Activate the exposure logging feature	user	...be able to activate the exposure logging feature	I can connect with other devices	When entering the app there will one button which will, after click, ask for permission to turn on Bluetooth. After that app will start searching other devices to connect.	4	5	20
Add COVID-19 positive result	user	...be able to update my result	I can notify my close contacts in the past 14 days	The user is shown the button to add test result if he/she was tested positive after click user will have to upload picture of test result.	5	5	25
Check for exposure to COVID 19 confirmed users	user	...be able to check if any of my close contact was tested positive	I can take the necessary protective measures	The user is shown the button to check his close contacts info. After he/she click that button he/she will see if any of their close contacts in the past 14 days was tested positive for coronavirus.	5	5	25
Verification of positive test result	system	...be able to verify accuracy of test result	I can send the notification to users' close contacts	After user upload picture of test, system will search for word	5	5	25

			"POZITIVAN" and will verify the test.			
Show close contact info	system	…be able to find close contacts info	The user can see his/hers close contacts was tested positive	After user clicks button to show his/hers close contacts info, system will search database of his/hers close contacts in last 14 days and show results if there is any confirmed coronavirus test results.	5	5	25

Wireframes

9:52 AM

Sunday, 17th January

< Slide to unlock

Instagram
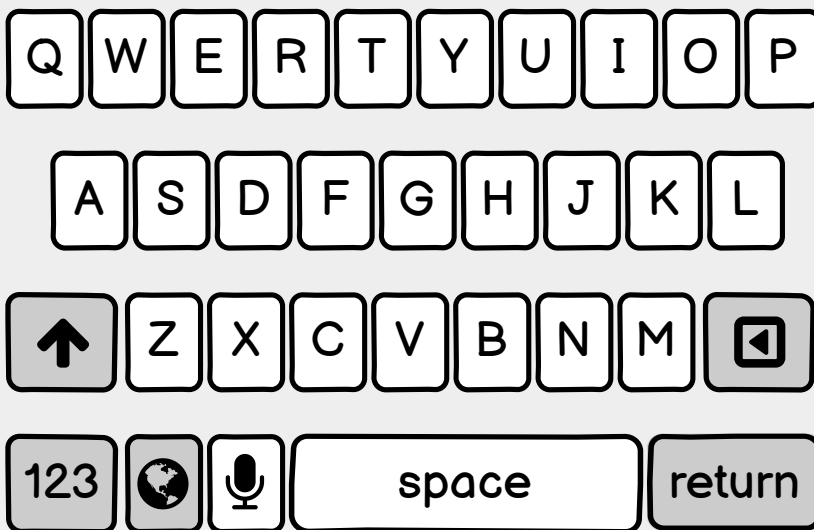
YouTube

Facebook

Twitter

COVID Contact

Calendar

COVID Contact

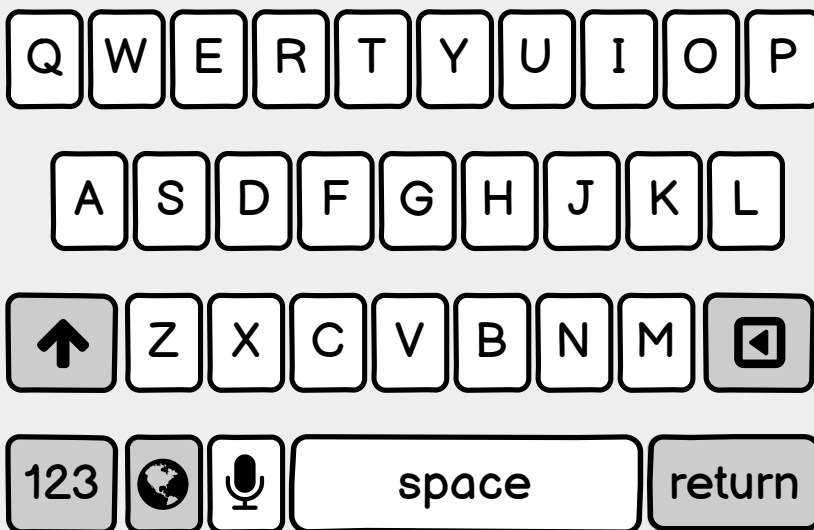Start Exposure Logging

See close contacts info

Add test result

Q	W	E	R	T	Y	U	I	O	P

A	S	D	F	G	H	J	K	L

⬆ | Z | X | C | V | B | N | M | ⌫

123 | 🌐 | 🎤 | space | return

COVID Contact

Exposure Logging

ACTIVE

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COVID Contact

Close contacts info

Higher Risk

✻ 1 exposure

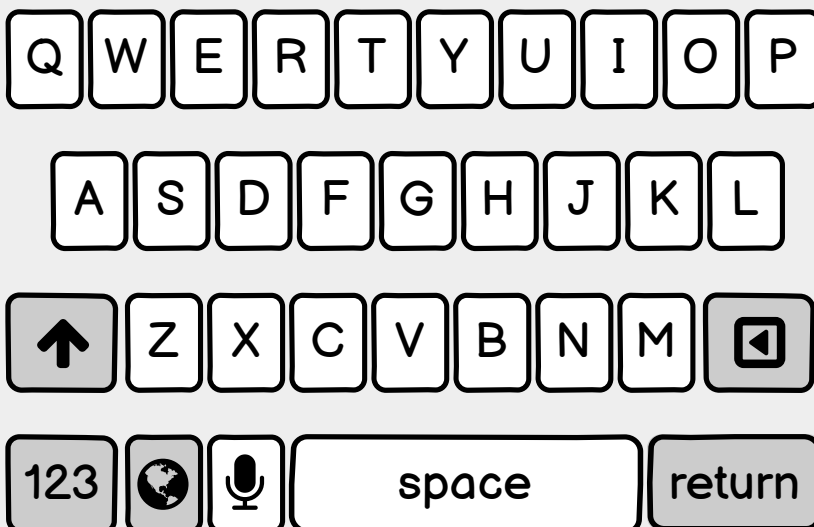▦ 1 day since the last encounter

◷ Updated: Today, 10:30

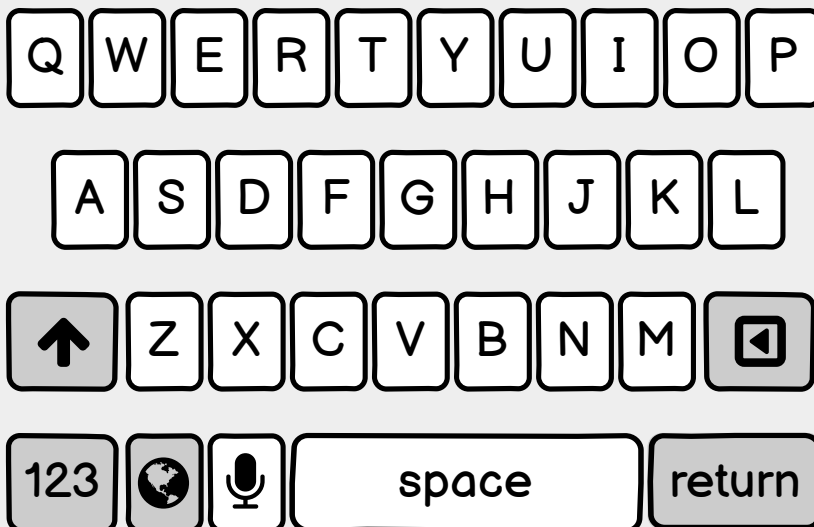See recommendations

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COVID Contact

Recommendations

- Wear a mask
- Wash your hands
- Keep a safe distance
- Stay home

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COVID Contact

Close contacts info
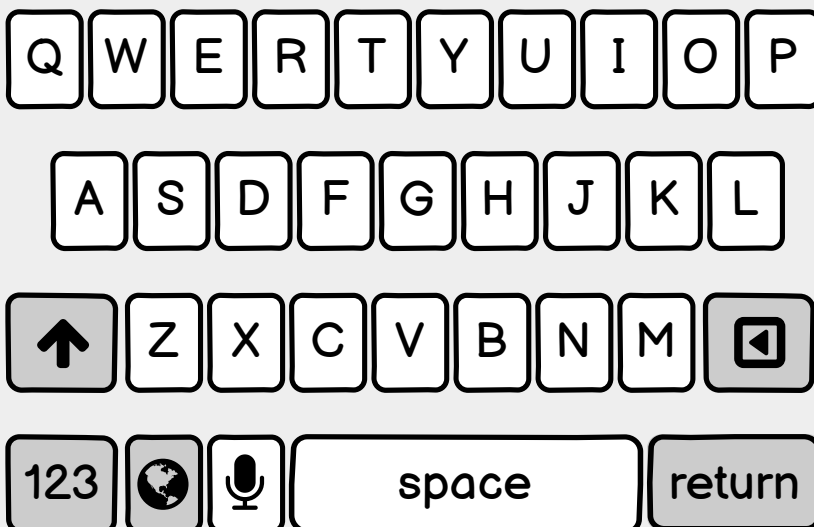
Low Risk

❋ No exposure up to now

✓ Exposure logging permanently active

🛡 Updated: Today, 10:10 AM

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COVID Contact

Add test result

Upload a picture of Your test result

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