

Supplementary Appendix S1. The accessible mobile applications were divided into three categories i.e. universal COVID-19 applications, country-specific applications, and non-English applications.

Supplementary Appendix S1A. List of medical applications on Apple App Store that support English language user interface for general use.

No.	Name	Name of developer	Logo	Country	Size	User rating	Classification	Category	Search term used
1	COVID-19!	Nemocnice Milosrdných bratří, p.o.	of o o o o o	Czech Republic	111.6 MB	4 (n=39)	4+	#27 Medical	COVID-19, Covid & Coronavirus
2	Coronavirus – Covid19	Verbaclinic		Russia	27.2 MBMB	3.1 (n=14)	12+	Health & Fitness	COVID-19, Covid & Coronavirus
3	WHO Academy: Covid-19 Learning	World Health Organization	A	United State of America	395.8 MB	4 (n=2)	4+	Medical	COVID-19, Covid & Coronavirus
4	COVID-19 iChart	Liverpool Drug interactions group		England	14.8 MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus
5	HEALTHLYNKED COVID-19 Tracker	HealthLynked Corp.	\$	United State of America	31.4MB	4.3 (n=2.8k)	4+	Medical	COVID-19, Covid & Coronavirus
6	Covid-19 Advisor	E-Clinics International LLC	C#VID ₁₉ Advisor	United State of America	63.8 MB	N/A	4+	Medical	COVID-19, Covid & Coronavirus





7	Relief Central COVID-19	Unbound Medicine, Inc.	⊘ unbound	United State of America	9.9 MB	4.4 (n=13)	12+	Medical	COVID-19, Covid & Coronavirus
8	Disinfection Checklist COVID-19	Snappii		United State of America	46.5MB	4.0 (n=2)	4+	Business	COVID-19, Covid & Coronavirus
9	COVID-19: Response	United Nations	4	United State of America	14.7 MB	N/A	12+	News	COVID-19, Covid & Coronavirus
10	COVID-19 Resources for Midwives	Association of Ontario Midwives	COVID-19	Canada	40.8MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus
11	COVID19 Sounds	University of Cambridge Information Service		United Kingdom	3.3MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus
12	COVID-19 severity calculator	인피닉스 (Korean) INPHENIX	Θ	South Korea	670.7kb	N/A	4+	Utilities	COVID-19 & Coronavirus
13	RA & COVID-19	The Royal College of General Practitioners		United Kingdom	448.5kb	N/A	17+	Medical	COVID-19, Covid & Coronavirus





14	COVID Symptom	The University of Michigan	COVID-19	United State of America	24.4MB	4.7 (n=3)	4+	#200 Health & Fitness	COVID-19, Covid & Coronavirus
15	HowWeFeel	The How We Feel Project, Inc.	H₩	United State of America	21.1MB	4.8 (n=55)	12+	Health & Fitness	COVID-19, Covid & Coronavirus
16	COVID Coach	US Department of Veterans Affairs (VA)		United State of America	201.1MB	5.0 (n=3)	4+	Health & Fitness	COVID-19 & Coronavirus
17	Managing your stress & anxiety	Centre for Addiction and Mental Health	camh	Canada	39.4MB	N/A	4+	Health & Fitness	COVID-19 & Coronavirus
18	CoronaSurveys	InQBarna	\$ 0	Spain	12.9MB	N/A	12+	Health & Fitness	COVID-19 & Coronavirus
19	Corona Expert	Dana-Farber Cancer Institute	- 3	United State of America	31MB	N/A	4+	Health & Fitness	COVID-19 & Coronavirus
20	VirusAssist	HealthcareX.O GMBH	Health care x.0	Germany	18.8MB	N/A	4+	Medical	Coronavirus
21	Coronavirus Support App (UK)	Expert Self Care Ltd	***	United Kingdom	30.6MB	N/A	17+	Education	Coronavirus & Covid
22	Corona Check Screening	Tinnitus Research Initiative	O	Germany	16.7MB	N/A	4+	Medical	Coronavirus





23	CoronaReport	SPOTTERON GMBh		Scotland	33.5MB	N/A	4+	Health & Fitness	Coronavirus
24	Best in Covid: stats & updates	PrPom, s.r.o.		Czech Republic	3МВ	4.5 (n=11)	12+	Health & Fitness	Covid
25	Responsum for Long COVID	Responsum Health	***	United State of America	51.6MB	N/A	17+	Medical	Covid
26	CovidWatcher	ColuMBia University	<u>an</u>	United State of AmericaMB	41.3MB	N/A	4+	Health & Fitness	Covid
27	COVID Protocols	Prigham Haalth	BRIGHAM HEALTH	United State of	12 2MP	N/A	17.	Medical	Covid
21	COVID Protocols	Brigham Health		America	12.3MB	N/A	17+	Medical	Covid
28	Be+ against COVID	FIBIO-HRC		Spain	9.5MB	N/A	17+	Health & Fitness	Covid



Supplementary Appendix S1B. List of medical applications on Apple App Store that support English language user interface with country-specific functionality but were evaluated.

No.	Name	Name of developer	Logo	Country	Size	User rating	Classification	Category	Search term used
1	Coronavirus Australia	Department of Health, Australian Capital Territory		Australia	23.1 MB	3.9 (n=1.6k)	12+	#45 Health & Fitness	COVID-19, Covid & Coronavirus
2	BruHealth	E-Government National Centre		Brunei Darussalam	44.8MB	3.8 (n=10)	4+	Health & Fitness	COVID-19
3	myAUS COVID-19	Migration Council Australia	(D)	Australia	23.7 MB	4.8 (n=56)	4+	Health & Fitness	COVID-19, Covid & Coronavirus
4	COVID19 – DXB Smart App	Dubai Health Authority		Dubai	118 MB	3.9 (n=53)	12+	Health & Fitness	COVID-19, Covid & Coronavirus
5	Infected – COVID-19 NL	Luscii healthcare B.V.		Netherlands	1MB	4 (n=1)	4+	#194 Reference	COVID-19, Covid & Coronavirus
6	TracVirus - COVID19 Test eCert	Tri-G Technologies Sdn Bhd		Malaysia	13MB	N/A	4+	Health & Fitness	COVID-19 & Coronavirus
7	Coronavírus - SUS	Governo do Brasil	+	Brazil	95.5MB	2.0 (n=7)	17+	Health & Fitness	COVID-19, Covid & Coronavirus





8	My COVID-19 Tracker	Saint Louis Univeristy	+	United State of America	52.4 MB	1.0 (n=1)	12+	Medical	COVID-19 & Covid
9	TousAntiCovid	Gouvernement Français		France	66.7 MB	4.4 (n=43)	4+	Health & Fitness	COVID-19, Covid & Coronavirus
10	Zanzibar COVID-19 Testing	Rahisi		Tanzania	38.8 MB	N/A	4+	Health & Fitness	COVID-19, Covid & Coronavirus
11	COVID-19 EHS	EMIRATES HEALTH SERVICES		United Arab Emirates	71.7MB	5.0 (n=1)	17+	Health & Fitness	COVID-19, Covid & Coronavirus
12	BC COVID-19 Support	Province of British ColuMBia	BRITISH COLUMBIA	MBCanada	32.2 MB	N/A	12+	Medical	COVID-19, Covid & Coronavirus
13	Grey Bruce COVID19 Vaccine App	Grey Bruce Health Unit		Canada	11.3MB	N/A	12+	Medical	COVID-19, Covid & Coronavirus
14	AMAN - Aman.jo JORDAN COVID-19	Jordan eGovernment	أمانْ	Jordan	18.5MB	5.0 (n=2)	4+	Reference	COVID-19, Covid & Coronavirus





15	COVID-19 Virginia Resources	Virginia Department of Social Services		United State of America	31.6MB	N/A	4+	Reference	COVID-19, Covid & Coronavirus
16	JamCOVID19	Government of Jamaica	Jam COVID-19	Jamaica	35.5MB	N/A	17+	Health & Fitness	COVID-19, Covid & Coronavirus
17	NHSGGC Clinical Guidelines	Greater Glasgow Heatlh Board	NHS Greater Glasgow and Clyde	Scotland	98.2 MB	N/A	4+	Medical	COVID-19, Covid & Coronavirus
18	Apollo COVID-19	Exa Health, Inc		United State of America	21.2MB	N/A	12+	Health & Fitness	COVID-19, Covid & Coronavirus
19	UCLH COVID19	UCLH NHS Foundation Trust		England	2.1MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus
20	Путешествую без Covid-19	EVRAZISKI BANK RAZVITIYA	**A	Russia	55.9MB	5.0 (n=4)	4+	Medical	COVID-19, Covid & Coronavirus
21	Hough Home Test Kit	Hough Distribution LLC		United State of America	150.9MB	2.5 (n=79)	12+	Health & Fitness	COVID-19 & Coronavirus





22					57.0140	N/A	10		COVID-19, Covid & Coronavirus
	Covid Result Verifier	Edawah Technologies Limited	MATE BY	Nigeria	57.8MB	N/A	12+	Medical	
23	Wlnss	WLNSS Inc.	WLNSS.	United State of America	17.5MB	N/A	17+	Health & Fitness	COVID-19 & Coronavirus
24	המגן 2 האפלקציה למלחמה בקורונה	Israel Ministry of Health		Israel	30.4MB	5.0 (n=2)	4+	Health & Fitness	COVID-19
25	NZ COVID Tracer			New Zealand	46.7MB			Health & Fitness	Coronavirus & Covid
	NZ COVID Tracer	Ministry of Health (NZ)		New Zearand	40./MB	3.6 (n=18)	4+	Health & Fitness	Coronavirus & Covid
26	Covid SafePass	Medek Health Systems		United State of America	60.2MB	N/A	17+	Health & Fitness	Covid
27	Covid Secure	Covid Secure LLC	COVID SECURE	United State of America	53.9MB	N/A	12+	Medical	Covid
28	NYC COVID SAFE	Department of Information Technology and Telecomm		United State of America	3.8MB	N/A	17+	Health & Fitness	Covid
29	CovidPassEu	COVIDPass s.r.o.	1	Czech Republic	22.9MB	N/A	4+	Travel	Covid
30	UC COVID Check	University of Cincinnati	W	United State of America	36.8MB	N/A	4+	Health & Fitness	Covid





Supplementary Appendix S1C. List of medical applications on Apple App Store that support English language user interface with country-specific functionality but were not evaluated.

No.	Name	Name of developer	Logo	Country	Size	User rating	Classification	Category	Search term used
1	COVIDSafe	Australian Department of Health	ONIDSA FINE THE	Australia	16.4MB	4 (n=14k)	4+	Health & Fitness	COVID-19, Covid & Coronavirus
2	Tarassud+	Ministry of Health, Sultanate of Oman		Oman	41.4MB	1 (n=1)	17+	Medical	COVID-19 & Coronavirus
3	PAK Covid-19 Vaccination Pass	National Database and Registration Authority (NADRA)		Pakistan	8.5MB	3.8 (n=11)	17+	Medical	COVID-19, Covid & Coronavirus
4	CovidPassAL	AKSHI		Europe	11.9MB	1 (n=1)	12+	Health & Fitness	COVID-19, Covid & Coronavirus
5	COVID-19	Electronic health administration, Ministry of Health of Vietnam	THE	Vietnam	174.8MB	2.0 (n=4)	4+	Medical	COVID-19, Covid & Coronavirus





6	COVID19Verify	SKPC		Latvia	18.2MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus
7	Teton Valley Health COVID-19	Teton Valley Healthcare	HEALTH	United State of America	23.7MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus
8	patientMpower for Covid 19	patientMpower Ltd		United State of America	86.8MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus
9	CoronaFACTS	Trusted Medical LLC	FACTS	United State of America	33.6MB	N/A	4+	Medical	COVID-19 & Coronavirus
10	TraceTogether	Government Technology Agency		Singapore	46.3MB	3.1 (n=9)	4+	Medical	COVID-19, Covid & Coronavirus
11	Tawakkalna (Covid-19 KSA)	National information center		Saudi Arabia	236.3 MB	3.9 (n=104)	4+	Health & Fitness	COVID-19, Covid & Coronavirus
12	Ellume COVID-19 Home Test	Ellume Limited	-¦e	United State of America	61.3MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus





13	elarm - COVID-19 early warning	Datamine Limited	ë	United State of America	10.7 MB 2.3	(n=3) 12+	Health & Fitness	COVID-19, Covid & Coronavirus
14	MUSC COVID-19 Vital Link	Medical University of South Carolina	Vital Link MUSC	United State of America	46.8MB 2.0	(n=1) 12+	Medical	COVID-19, Covid & Coronavirus
15	Gateway COVID-19 Response	Response Registry	GATEWAY	Namibia	14.9MB N	N/A 4+	Health & Fitness	COVID-19, Covid & Coronavirus
16	BMC CoMBat Covid19	Municipal Corporation of Greater MuMBai		MBIndia	16.1MB N	N/A 12+	Medical	COVID-19, Covid & Coronavirus
17	Plan Jalisco Covid-19	Gobierno del Estado de Jalisco	Jalisco COVID-19	Mexico	19.1MB N	N/A 4+	Health & Fitness	COVID-19, Covid & Coronavirus
18	Kencor COVID-19	Kencor Health, Inc	0	United State of America	55MB N	N/A 12+	Medical	COVID-19, Covid & Coronavirus
19	Tempus COVID-19	Tempus Labs Inc		United State of America	27MB N	N/A 17+	Medical	COVID-19, Covid & Coronavirus





20	KI-COVID19	Karolinska Institutet	Karolinska Institutet	Sweden	18.7MB	N/A	4+	Education	COVID-19, Covid & Coronavirus
21	Aggie-COVID-19	Learning Games Lab, NM State University	NM STATE UNIVERSITY	United State of America	26.5MB	N/A	4+	Productivity	COVID-19, Covid & Coronavirus
22	COVID-19 Quarantine Monitor	TNeGA	COROLLA III	India	15.4MB	N/A	12+	Medical	COVID-19, Covid & Coronavirus
23	Covid19 QR verify	Харилцаа холбоо, мэдээллийн технологийн газар	12 10 10 10 10 10 10 10 10 10 10 10 10 10	Mongolia	27.5 MB	5.0 (n=1)	12+	Utilities	COVID-19, Covid & Coronavirus
24	AarogyaSetu	NIC		India	21.6MB	4.2 (n=588)	4+	Health & Fitness	COVID-19 & Coronavirus
25	UNEA COVID-19 Rapid Test	UNEP	UN @ strategieses. Act Workstain:	United State of America	30.3MB	N/A	4+	Utilities	COVID-19
26	On/Go	Intrivo		United State of America	76.8MB	4.7 (n=19)	12+	Medical	COVID-19 & Coronavirus





					•		TITTOBLISH		
27	Blue Ocean Covid Screening	Blue Ocean Health Services LLC	BLUE OCEAN	United State of America	74.1MB	N/A	12+	Business	COVID-19, Covid & Coronavirus
			gha covid pass a						COVID-19, Covid & Coronavirus
28	GHA COVID Pass Gibraltar	Gibraltar Health Authority		Gibraltar	20.2MB	N/A	12+	Medical	
29	Obvio-19	Obvio Health USA Inc.		United State of America	45.3MB	N/A	17+	Medical	COVID-19 & Coronavirus
30	19clear	Guiding Star Communications and Consulting Inc.	19	Canada	22.2MB	N/A	12+	Health & Fitness	COVID-19 & Coronavirus
31	CovPass Cyprus	Deputy Ministry for Research, Innovation & Digital Policy	© © CY	Cyprus	12.3MB	1.8 (n=4)	4+	Health & Fitness	COVID-19 & Coronavirus
32	SAFE HealthCheck	Safe Health System, Inc	S	United State of America	147.5MB	1.0 (n=1)	17+	Medical	COVID-19 & Coronavirus
33	Odisha COVID Dashboard	Odisha Computer Application Center	Oalsha COVID AAHLOALD	India	64.4MB	N/A	4+	Health & Fitness	COVID-19, Covid & Coronavirus
34	HMushrif	Ministry of Health, Sultanate of Oman		Oman	24.3MB	N/A	4+	Medical	COVID-19 & Coronavirus
35	FindAShot	Digital Labs LLC	+	United State of America	2.5MB	1.0 (n=1)	4+	Utilities	COVID-19, Covid & Coronavirus





				United State of					
36	CoVerified Campus App	Broad Institute	·	America	71MB	N/A	4+	Education	COVID-19 & Coronavirus
37	Corona-Care	PaxeraHealth Corp		United State of America	115.3MB	1.0 (n=2)	17+	Medical	COVID-19 & Coronavirus
38	CScreener - Health Screening	Applied Occupational Care, Inc.		United State of America	8.5MB	N/A	17+	Health & Fitness	COVID-19 & Coronavirus
39	Kviktest	Copenhagen Medical		Denmark	43.9MB	N/A	4+	Medical	COVID-19 & Coronavirus
40	exa health (Artemis)	Exa Health, Inc	^	United State of America	1.2gb	N/A	12+	Health & Fitness	COVID-19 & Coronavirus
41	PCL Pass	PCL, Inc.		South Korea	25.4MB	N/A	12+	Travel	COVID-19 & Coronavirus
42	NICD DATCOV	National Institute for Communicable Diseases	DATCOV	South Africa	5.1MB	N/A	17+	Medical	COVID-19 & Coronavirus
43	RACORDIAX	BacTrace BioTec AG	RACOR DIAX	Germany	17.5MB	N/A	12+	Medical	COVID-19 & Coronavirus
44	Mask Dongle	EIM Sensor		United State of America	20.8MB	N/A	17+	Health & Fitness	COVID-19 & Coronavirus
45	Preworkscreen	InfoBeyond Technology LLC	Pre Work Screen	United State of America	32.7MB	N/A	4+	Health & Fitness	COVID-19 & Coronavirus





46	Lasante Seychelles	Panafricare		Seychelles	42.3MB	N/A	17+	Medical	COVID-19 & Coronavirus
	•			•					
47	Yonsei COVALT	Yonsei University Health System		South Korea	32MB	N/A	4+	Health & Fitness	COVID-19 & Coronavirus
			HUD						
48	IHP Clear	InHouse Physicians	IHE	United State of America	84MB	N/A	4+	Health & Fitness	COVID-19 & Coronavirus
		ž							
49	Karantinas	Vilnius		Lithuania	58.7MB	N/A	12+	Medical	COVID-19 & Coronavirus
			C						
50	das:lab	RPR Group	G	United Kingdom	55.7MB	N/A	17+	Medical	COVID-19 & Coronavirus
		·							
51	patientMpower for Covid 19 USA	patientMpower Ltd	USA	United State of America	86.8MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus
52	The Territory Check In	Nothern Territory of Australia		Australia	26.6MB	2.6 (n=103)	4+	#74 Health & Fitness	Coronavirus & Covid
53	Check In Qld	Queensland Government		Australia	26.6MB	2.2 (n=3.7k)	4+	#39 Health & Fitness	Coronavirus & Covid
			CHECK IN						
54	Check in TAS	Department of Health Tasmania (Government)	TAS	Australia	26.5MB	2.3 (n=340)	4+	#172 Health & Fitness	Coronavirus & Covid
55	COVA Chd	Chandigarh Smart City Limited		India	31.5MB	N/A	4+	Health & Fitness	Coronavirus





56	Check in CBR	ACT Government Health Directorate	Check In CBR	Australia	27.9MB	2.9 (n=609)	4+	#156 Medical	Coronavirus & Covid
57	COVID Certificate Check	Bundesamt für Gesundheit BAG		Switzerland	32.1MB	2.6 (n=5)	12+	Health & Fitness	Covid
58	CovidPass	Roby Technologies		Europe Union	97.2MB	1.0 (n=1)	12+	Health & Fitness	Covid
59	COVID Radar	LUMC Leiden		Netherlands	16.4MB	N/A	4+	Medical	Covid
60	COVID Screen - St. Gertrude	Open Brace	Sold The Calibration	United State of America	1MB	N/A	4+	Health & Fitness	Covid
61	VoxCOVID	Delesgues Solutions		France	3.5MB	N/A	17+	Productivity	Covid
62	Passe Covid	Imprensa Nacional-Casa da Moeda S.A.	S COVIO	Europe	21.6MB	N/A	4+	Health & Fitness	Covid
63	CovidScanBE	FGOV eHealth	.be	Europe	42.9MB	N/A	4+	Medical	Covid
64	NHS COVID Pass Verifier	Department of Health & Social Care	NHS COVID Pass Verifier	England	66.2MB	N/A	12+	#112 Medical	Covid





65	COVID Certificate	Bundesamt für Gesundheit BAG	U	Switzerland	33MB	5.0 (n=1)	12+	Health & Fitness	Covid
66	FastCovid	Selic		France	11.6MB	N/A	4+	Medical	Covid
67	RajCovidInfo	RajCOMP Info Services Ltd.	**	India	11.3MB	N/A	4+	Health & Fitness	Covid
68	CovidSafeBE	FGOV eHealth	be	Belgium	41.5MB	N/A	4+	#128 Medical	Covid
69	CovidLebTrack	Central Inspection	**	Lebanon	14.1MB	3.0 (n=1)	4+	Medical	Covid
70	Covid Nearby	Rutgers, The State University of New Jersey		United State of America	41.7MB	N/A	4+	Education	Covid
71	CovidGO	Ministarstvo zdravstva (Croatian) Ministry of Health	GØ	Croatian	7.3MB	N/A	4+	Health & Fitness	Covid
72	Covid Free GR	Hellenic Republic	Covid Free GRVerifier	Greece	27.1 MB	5.0 (n=1)	4+	Health & Fitness	Covid
		Assistance Publique-Hopitaux de Paris	Suivi						
73	Suivi vaccination Covid		vaccination COVID	France	57.2MB	N/A	17+	Medical	Covid





		1		1			THE COLLON		ı
74	Wabash COVID	Wabash College	COVID-19	United State of America	10.2MB	N/A	12+	Health & Fitness	Covid
			covid						
75	TCC COVID Monitor	NSW Health Services		Australia	35.2MB	4.0 (n=2)	17+	Medical	Covid
76	COVID Coach Explorer	Palo Alto Veterans Institute for Research	The state of the s	United State of America	202.9MB	N/A	4+	Health & Fitness	Covid
			CO:VID PASS						
77	PassCOVID.gal	Xunta de Galicia	XUNTA	Spain	46.3MB	N/A	4+	Utilities	Covid
78	COVID Wellness Nurse	Machine and Human Interaction LLC	CWN	United State of America	2.5MB	N/A	17+	Health & Fitness	Covid
79	CovidPass Georgia	Ministry of IDPs, Labour, Health & Social Affairs	C:QVID PASS	Georgia	65.3MB	N/A	17+	Health & Fitness	Covid
80	Himachal Covid Care	National Informatics Centre		India	51MB	N/A	12+	Medical	Covid
81	NHS Scotland Covid Status	NHS Scotland	SCOTLAND COVID STATUS	Scotland	79.3MB	1.0 (n=1)	12+	Medical	Covid
01	1416 Scotland Covid Status	11115 Scottand	COVID Self-Check	Scottand	77.31411	1.0 (II-1)	127	Model	COVIG
82	COVID Self-Check	Tata Medical & Diagnostics Ltd	Powered by TATA MD	India	105.3MB	N/A	17+	#158 Medical	Covid
83	COVIDFree	University of Toronto		Canada	39.5MB	N/A	4+	Medical	Covid





	COMPAN		0		10.5140	NA		11 14 0 F	
84	COVID Wiser	Covid Safe		Australia	19.5MB	N/A	4+	Health & Fitness	Covid
85	My Covid Portal	E-Clinics International LLC	My COVID Portal	United State of America	81.5MB	N/A	17+	Medical	Covid
86	CovidNose Nefes	New Senses	CovidNose NEFES	Turkey	45.2MB	N/A	4+	Medical	Covid
			ZIAA & COVID SAFE						
87	ZimCovidSafe	Dencroft Business Solutions PTY LTD		South Africa	35.7MB	N/A	12+	News	Covid
88	CovidCare - Symptom monitor	The University of Melbourne		Australia	33.3MB	3.0 (n=4)	17+	Medical	Covid
89	Nagaland Covid Information	NSeGS, Government of Nagaland		India	60.1MB	N/A	4+	Reference	Covid
90	CovidCare@Home	Byteflies		Belgium	27.9MB	N/A	4+	Medical	Covid
91	COVID-KAYA	World Health Organization		The Philippines	63.1MB	N/A	4+	Health & Fitness	Covid
92	Ava COVID-RED	Ava AG		The Netherlands	47.2MB	N/A	17+	Health & Fitness	Covid



Supplementary Appendix S1D. List of medical applications on Apple App Store that do not support English language user interface.

No.	Name	Name of developer	Logo	Country	Size	User rating	Classification	Category	Search term used
1	COVID-19 MS SOS	Vienna LLP	COVID-19 SOS MEDICAL SYSTEM	Austria	20.8MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus
2	FAMILY - COVID 19	FAMILY HEALTHCARE JOINT STOCK COMPANY	KHAI BÁO Y TĚ	Vietnam	7.3MB	N/A	4+	Health & Fitness	COVID-19, Covid & Coronavirus
3	Bersatu Lawan COVID- 19	Subdit ALK Dit. E-Gov	EXECUTAL 19	Indonesia	47.3MB	N/A	4+	Health & Fitness	COVID-19, Covid & Coronavirus
4	NU Know COVID-19	Naresuan University	COVID-19	Thailand	42.9MB	N/A	4+	News	COVID-19, Covid & Coronavirus





5	TreCovid19	Azienda Provovinciale per I Servizi Sanitari - Provincia Autonoma di Trento		Italy	27.1MB	N/A	17+	Health & Fitness	COVID-19, Covid & Coronavirus
6	Covid-19 Armenia	Government of Armenia		Armenia	14.7 MB	N/A	4+	Medical	COVID-19, Covid & Coronavirus
7	바이코로나 (Bye COVID-19)	서울 송파구	바이코로나 송파구	South Korea	24.7MB	N/A	12+	Medical	COVID-19, Covid & Coronavirus
8	COVID-19 Estatal	Gobierno del Estado de Sonora	COVID-19 ESTATAL	Sonora	18MB	N/A	17+	Health & Fitness	COVID-19, Covid & Coronavirus
9	RCovid19	Protezione Civile Regione Calabria	P 19	Calabria	17.6 MB	N/A	17+	Health & Fitness	COVID-19, Covid & Coronavirus





10	Monitora Covid-19	PRODEB - Cia de Proc. De Dabos do Estado da Bahia	MONITORA COVID—19	Brazil	36.4MB	N/A	4+	Health & Fitness	COVID-19 & Covid
11	Asistente COVID-19 Sinaloa	Gobierno del Estado de Sinaloa	Asistente COVID-19 SINALOA	Sinalao	56.4MB	N/A	17+	Utilities	COVID-19, Covid & Coronavirus
12	Guanajuato COVID-19	Secretaría de Seguridad Pública del Estado de Guanajuato	GUANAJUATO	Guanajuato	26.1MB	N/A	17+	Health & Fitness	COVID-19, Covid & Coronavirus
13	Lấy mẫu xét nghiệm COVID-19	Văn phòng Bộ Y Tế	L Ă Y M Ă U XÉT NGHIỆM	Vietnam	13.4MB	N/A	4+	Health & Fitness	COVID-19, Covid & Coronavirus
14	COVID-19 Tam	Gobierno del Estado de Tamaulipas	Tan covid-19	Tamaulipas	15.5MB	N/A	4+	Health & Fitness	COVID-19, Covid & Coronavirus
15	Después de Covid-19	APAC, I.A.P. Asociación Pro Personas con Parálisis Cerebral		Cuauhtémoc	54.2MB	N/A	17+	Health & Fitness	COVID-19, Covid & Coronavirus





COVID 19, Você 16 Sabia?	Universidade Federal de Minas Gerais	÷÷:	Minas Gerais	53MB	N/A	4+	Education	COVID-19, Covid & Coronavirus
17 CISP - Covid19 Angola	Centro Integrado de Segurança Pública	OVID-19	Angola	39.9MB	N/A	4+	Utilities	COVID-19, Covid & Coronavirus
18 COVID-19 онлайн тест	MedAboutMe		Russia	12.8MB	N/A	4+	Medical	COVID-19, Covid & Coronavirus
19 LaPazCovid19	GAMLP		La Paz	28.5MB	N/A	4+	Utilities	COVID-19, Covid & Coronavirus
20 COVID19VMI	Hospital das Clinicas da Faculdade de Medicina da Universidade de Sao Paulo		São Paulo	50.2MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus
Terr-eSanté eCovid	GCS DSISIF	PATIENT	France	16.2MB	N/A	17+	Medical	COVID-19, Covid & Coronavirus
22 UlbraXCovid	AELBRA/ULBRA		Brazil	32.8MB	N/A	17+	Health & Fitness	COVID-19 & Covid





			E ar						
23	cov_cl	Servicio De Salud Metropolitano Sur		Chile	30.5MB	N/A	12+	Medical	COVID-19 & Coronavirus
24	EndCorona	FAKULTAS KEDOKTERAN UNIVERSITAS INDONESIA		Indonesia	30.7MB	4.0 (n=1)	17+	Medical	COVID-19 & Coronavirus
25	Dados do Bem	Rede D'or Sao Luiz S/A		Brazil	51.7MB	N/A	12+	Health & Fitness	COVID-19 & Coronavirus
26	Operativo Escudo Hidalgo	Gobierno del Estado de Hidalgo	OPERATIVO ESCUDO	Hidalgo	17.6MB	N/A	17+	Health & Fitness	COVID-19
27	Conecte SUS	Governo do Brasil		Brazil	146.2MB	3.8 (n=4)	4+	Medical	COVID-19
28	CORONAVIRUS - Діагностика	FEOFANIYA, UCH	COVID Symptoms check	Ukraine	58.6MB	N/A	17+	Health & Fitness	Coronavirus
29	CoMBate Coronavírus	Instituto Soma		Brazil	32.7MB	N/A	4+	Utilities	Coronavirus
30	Cachoeirinha ContraCoronavírus	Sismu Software	CONTRA O CORONAVÍRUS	Brazil	54.1MB	N/A	4+	Health & Fitness	Coronavirus
31	SOS CORONAVIRUS	AGETIC MALI	SOS CORONA	Mali	40.5MB	N/A	12+	Health & Fitness	Coronavirus





32	WIR gegen Corona	Foerderung von Deutsch als Wissenschaftssprache e.V.	WIR CEGEN CORONA	Germany	50.2MB	N/A	12+	Health & Fitness	Coronavirus
33	PC-Covid Viet Nam	Cục Tin học hóa, Bộ Thông tin và Truyền thông		Vietnam	57.5MB	2.8 (n=114)	4+	Health & Fitness	Coronavirus & Covid
			BCG						
34	BCG-CORONA	Your Research B.V.	CORONA	Netherlands	84.2MB	N/A	17+	Medical	Coronavirus
35	COVID Care Graubünden	Kanton Graubuenden		Switzerland	10.1MB	N/A	12+	Medical	Covid
36	PassCovidTG	Ministry of Posts, Digital Economy and Technological Innovations		Togo	54.3MB	N/A	4+	Travel	Covid
37	miCertificado Digital COVID UE	Gobierno de Canarias	Cc	Canary Island	51.3MB	N/A	4+	Medical	Covid
38	Covid'siz Günler	Wide - Area Payment Systems Ltd		Cyprus	23MB	N/A	4+	Productivity	Covid





39	Reco COVID AP-HP	Assistance Publique-Hopitaux de Paris	Reco COVID	Paris	11.7MB	N/A	17+	Medical	Covid
				2 3322		- 1, 2 -		5.2000.00	50.50
		SECRETARIA DE ESTADO DE SAUDE DO							
		RIO DE JANEIRO							
			GOV						
40	Vacina Covid RJ			Brazil	51.6MB	N/A	17+	Medical	Covid
40	Vacina Covid KJ			Diazii	31.0MB	IV/A	17+	Medical	Covid
			_Lc						
41	Lector COVID SCS	Gobierno de Canarias	C	Canary Island	22.1MB	N/A	4+	Medical	Covid
	STOP COVID -								
42	ProteGO Safe	Ministertwo Cyfryzacji		Poland	40.6MB	4.8 (n=5)	17+	Medical	Covid
	Tikrinti COVID	Registrų centras							
42	pažymėjimą	Registrų centras	LT		11.57.60	27/4	10)	
43			, L	Europe	11.7MB	N/A	12+	Medical	Covid
44	InfoCOVID	QuestionCube s.r.l.		Italy	36.3MB	N/A	12+	Reference	Covid
							· ·		
45	Long Covid Diary	Q_PERIOR AG		Germany	29.8MB	N/A	4+	Medical	Covid