Sr. No.	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
		Tentative	dates for An	droid Apps 1	Oth March 20	017 - 30th March 2017	Tentati	ive dates for	iOS Apps 1st	April 2017 -	18th April 2017
					PHARM	ACIES					
1	Walmart		no	no	no			no	no	no	
2	CVS Pharmacy		no	no	no			no	no	no	
3	Walgreens		no	no	no			no	no	no	
4	Rite Aid Pharmacy		no	no	no			no	no	no	
5	Target		no	no	no			no	no	no	
6	Publix		yes	yes	no			yes	yes	no	
7	H-E-B		no	no	no			no	no	no	
8	Hy-Vee		no	no	no			no	no	no	
9	GE Pharmacy		no	no	yes			no	no	yes	
10	Meijer Pharmacy		no	no	yes			no	no	yes	
11	Order Express		no	no	no			no	no	no	
12	Health Mart		no	yes	no			no	no	no	
13	1mg		no	no	no			no	no	no	
14	Humana Pharmacy		no	no	yes			no	yes	no	
15	Medical Shoppe Pharmacy		no	no	no						Not available in iOS
16	Fred's pharmacy		no	no	yes						Not available in iOS
17	NetMeds		no	no	no						Not available in iOS
18	Safeway Rx		no	no	yes						Not available in iOS
			Δ.	PPS STORIN	G PERSONAL	HEATH RECORD (PHR)					
19	webMD		no	no	no			no	no	yes	
20	webMD Baby		no	no	no			no	no	no	
21	webMD Pain Coach		yes	yes	no			no	no	no	
22	FollowMyHealth		no	no	no			no	no	NO	
23	iTriage		no	no	no			no	no	no	
24	GoodRx		no	no	no			no	no	yes	
25	4D benefits GoodRx		no	no	no			no	no	yes	
26	MagellanRx Management		no	no	no			no	no	no	
27	MGLN Rx Benefits		no	no	no			no	no	no	

	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
28	MyChart		no	no	no			no	no	no	
29	CareZone		no	no	no			no	no	yes	
30	ZocDoc		no	no	no			no	no	yes	
31	ohio Health		no	no	no			no	no	no	
32	MyQuest		yes	no	no			yes	yes	no	
33	kaiser permante		no	no	no			no	no	yes	
34	Health4Me		no	yes	no			no	yes	no	
35	Microsoft Band		no	no	no			no	no	no	
36	PortalConnect (Hello Health)		yes	yes	no			no	no	no	
37	ContinousCare Health App		no	no	no			no	no	no	
38	IBX		no	yes	no			no	no	no	
39	Medelinked		no	no	no			no	no	no	
40	Pain Diary - CatchMyPain		no	no	no			no	no	no	
41	Coventry® Mobile		no	no	no			no	no	no	
42	Drugs.com Medication Guide		no	no	no			no	no	no	
43	AskMD		no	no	no			no	no	no	
44	Mayo Clinic		no	no	no			yes	yes	no	
45	My Health Online - Sutter Health		no	no	no			no	no	no	
46	Ohio Health		no	no	no			no	no	no	
47	MyBSWHealth		no	no	no			no	no	no	
48	CrediHealth		no	no	no				_		Not available in iOS
49	TrackMyMedicalRecords		no	no	no						Not available in iOS
50	Personalhealthrecord PHR		no	no	no						Not available in iOS
51	iHeartMedia Drug Plan		no	no	no						Not available in iOS
52	HC4U		yes	yes	no						Not available in iOS
53	onpatient		700	700		Not available in Android		no	no	no	
54	InstaDoc					Not available in Android		no	no	no	
55	BeWellNow					Not available in Android		no	no	yes	
56	MD21: Live					Not available in Android		no	no	yes	
57	drchrono HER					Not available in Android		no	no	no	
58	Novant health					No HTTPS connection		110	110	110	No HTTPS connection
59	iBlueButton					NO LOGIN					Not available in iOS
60	ICE - in case of emergency					NO LOGIN					Not available in iOS

Sr. No.	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
61	ICE (In Case of Emergency) - Full Functionality					NO LOGIN					Not available in iOS
62	ICE (In Case of Emergency)					NO LOGIN					Not available in iOS
63	ICE: In Case of Emergency					NO LOGIN					Not available in iOS
64	In Case of Emergency ICE-Lite					NO LOGIN					Not available in iOS
				PATIEN	T DOCTOR C	OMMUNICATION		1	1		
65	Spruce Dermitologist		no	no	no			no	no	no	
66	DermCheck		no	no	no			no	no	no	
67	SkyMD		no	no	no			no	no	no	
68	DermEngine		no	no	yes			no	no	no	
69	Amwell		no	no	no			no	no	no	
70	Doctor on Demand		no	no	no			no	no	no	
71	seeDoc		no	no	no			no	no	no	
72	Babylon health online doctor		no	no	no			no	no	no	
73	LiveHealth Online Mobile		no	no	no			no	no	no	
74	NowClinic		no	no	no			no	no	no	
75	GoHealth Access		no	no	no			no	no	no	
76	Doctor2U		no	yes	no			no	no	no	
77	Your.MD: Health Care Assistant		no	no	no			no	no	no	
78	docchat		no	no	no			no	no	no	
79	ringMD		no	no	no			no	no	yes	
80	plushcare		no	no	no			no	no	no	
81	My Tabeeb		no	no	no			no	no	no	
82	Pocket Doctor		no	no	no			no	no	no	
83	Konsult - Talk to your doctor		no	no	no			no	no	no	
84	Spectrum Health MyHealth		no	no	no			no	no	no	
85	portea health		no	no	no			no	no	no	
86	MD Live		no	no	no						Not available in iOS
87	Practo		no	no	no						Not available in iOS
88	Lybrate		no	no	no						Not available in iOS
89	Ask a Doctor		no	no	no						Not available in iOS
90	DocsApp		no	no	no						Not available in iOS

Sr. No.	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
91	MediKlik 1 Healthcare Solution		no	no	no						Not available in iOS
92	HealthTap		no	no	no						Not available in iOS
93	Carolinas HealthCare System		no	no	no						Not available in iOS
94	Virtual Visit - Carolinas HealthCare System		no	no	no						Not available in iOS
95	virtual clinic		no	no	no						Not available in iOS
96	find a doctor- patient fusion		no	no	no						Not available in iOS
97	doxtro		no	no	no						Not available in iOS
98	BoaConsulta		no	no	no						Not available in iOS
99	Express Care Virtual		no	no	no						Not available in iOS
100	online doctor		no	no	no						Not available in iOS
101	Virtual Clinic : Consult Online		no	no	no						Not available in iOS
						PHONE NUMBER VERIFICATION REQUIRED. Using HTTP for sending otp and patient's data. OTP also visible but app will automatically detect					
102	Mediczy		no	no	no	OTP.					Not available in iOS
103	Docstors- Grow your Practise					Not available in Android		yes	yes	no	
104	SeeDocNow					Not available in Android		no	no	yes	
105	Houma Urgent Care Center					Not available in Android		no	yes	no	
106	Intermountain ConnectCare					Not available in Android		no	no	yes	
107	Pager					Not available in Android		no	no	yes	
108	First Opinion					Not available in Android		no	no	yes	
109	Zoom+Care					Not available in Android		no	no	yes	
110	myMVP					Not available in Android		no	no	yes	
111	WellSpan					Not available in Android		no	no	yes	
112	HealthNAV					Not available in Android		no	no	yes	
113	Patient Access					Not available in Android		no	no	no	
114	DocNow					Not available in Android		no	yes	no	
115	Dose					Not available in Android		no	no	yes	
116	Doctors Care					Not available in Android		no	no	yes	
117	VICA-Virtual Care					Not available in Android		no	no	yes	

Sr. No.	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
118	MeMD					Not available in Android		no	no	yes	
119	Chesapeake Ergent Care					Not available in Android		yes	yes	no	
120	Integris Virtual Visit					Not available in Android		no	no	yes	
121	CareCheck					Not available in Android		no	no	yes	
122	Spruce care Messenger					Not available in Android		no	no	no	
123	NextGen Patient-Portal powered by Vextar					Not available in Android		yes	yes	no	
124	PatientPortal					Not available in Android		no	no	yes	
125	My Mount Nittany Health					Not available in Android		no	no	yes	
126	Patient Portal NYCH Ltd					Not available in Android		no	no	yes	
127	HeyDoc!					No HTTPS Connection		no	no	no	
128	FirstDerm					NO LOGIN					Not available in iOS
129	mdoctor					No HTTPS connection					Not available in iOS
130	HD - Free Doctor Consultations					No HTTPS connection					Not available in iOS
131	medichat					No HTTPS connection					Not available in iOS
132	talkTo Doctor					No HTTPS connection					Not available in iOS
			ABBS USED I	N BUNGLOUA	NC TO INITE	A CT MUTU DATIENTS (COL					
			APPS USED E	SY PHYSICIAL	NS TO INTER	ACT WITH PATIENTS/COL	LEAGUE	:5			
133	UpToDate		voc	VOC	no			no	no	no	
	·		yes	yes	no			no	no	no	
134	Medscape		no	no	no			no	no	no	
135	Epocrates Plus		no	no	yes			no	no	yes	
136	athenaText		no	no	yes			no	no	no	
137	DocbookMD		no	no	yes			no	no	yes	
138	Care360 Mobile for Physicians		no	no	no			no	no	no	
139	Medigram		no	no	no			no	no	yes	
140	MyTeleMed		no	no	no			no	no	no	
141	TigerText Clinical Solutions		no	no	no			no	no	yes	
142	API Healthcare MobileWorkforce		no	no	no			no	no	no	
143	MYidealDoctor		no	no	no			no	no	yes	
144	athena Health app					Not available in Android		no	no	no	
145	Doctor Virtual Practise		no	no	no						Not available in iOS
146	EMR - EHR Practice Management		no	no	no						Not available in iOS
147	Figure 1		no	no	no						Not available in iOS

Sr. No.	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
148	Virtual Practice for Doctors		no	no	no						Not available in iOS
149	Doximity		no	no	no						Not available in iOS
150	HealthTap for Providers		no	no	no						Not available in iOS
151	iCliniq		yes	yes	no						Not available in iOS
152	AirStrip OB					No HTTPS connection					Not available in iOS
			F	PREGNANCY	/MENSTRUA	L CYCLE RELATED APPS		1			
153	Pregnancy +		no	no	no			no	no	no	
154	Ovia Pregnancy		no	no	no			no	no	no	
155	Clue: Period, PMS, fertility & ovulation tracker		no	no	yes			no	no	yes	
156	OvuView: Ovulation & Fertility		no	no	yes						Not available in iOS
157	Kindara Fertility & Ovulation		no	no	no			no	no	no	
158	Once -A special period tracker		no	no	no			no	no	no	
159	baby center		no	no	no			no	no	no	
160	glow		no	no	yes			no	no	yes	
161	ladytimer		no	no	no						Not Available in iOS - Paid
162	Period Tracker		no	no	no			no	no	no	
163	MyDays X - Period & Ovulation™					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
164	Pink Pad Period & Fertility Tracker Pro					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
165	WebMD Pregnancy					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
166											-
167	Pregnancy ++ paid					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
168	iMom • Pregnancy & Fertility					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage

Sr. No.	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
169	Pregnancy Week By Week					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
170	Pregnancy and Baby Daily Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
171	Period Tracker, My Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
172	Flo Period & Ovulation Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
173	Ovia Ovulation & Fertility					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
174	Period & Ovulation Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
175	Period Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
176	Period Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
177	Period Tracker Deluxe					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
178	WomanLog Pro Calendar paid					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
179	WomanLog Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
180	WomanLog Pregnancy Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage

Sr. No.	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
181	WomanLog Baby Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
182	Glow -Ovulation & Fertility					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
183	Period Calendar, Cycle Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
184	My Days - Period & Ovulation ™					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
185	Ovulation & Period Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
186	Period Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
187	My Cycles Period and Ovulation					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
188	Menstrual Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
189	Period Diary (Period & Ovulation Tracker)					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
190	My Period Tracker / Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
191	Fertility Friend Ovulation and Period Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
192	Menstrual Period Tracker and Ovulation Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage

Sr. No.	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
193	Ovia Fertility Tracker & Ovulation Calculator					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
194	Bloom Period/Ovulation Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
195	Menstrual Ovulation Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
196	Free Menstrual Calendar For Periods and Ovulations					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
197	Menstrual & Ovulation Calendar					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
198	CycleBeads Period & Ovulation					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
199	Happy Stork :Pregnancy Support					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
200	Ovulation Calendar & Fertility					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
201	My Ovulation Calculator					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
202	Pink Daily - Period Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
203	Period Tracker & Woman Diary					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
204	Period and Ovulation Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage

Sr. No.	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
205	Eve by Glow - Period Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
206	Woman's DIARY period • diet • cal					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
207	Life Period Tracker: PMS & Menstrual Calendar App					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
208	First Response™ App					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
209	Get Pregnant					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
210	Woman diary (calendar)					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
211	Easy Pregnancy - Get Baby					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
212	My Menstrual Diary					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
213	Bunnys Period Calendar/Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
214	Menstruation Calendar ♪ Selene					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
215	Period Diary Supreme Lite					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
216	Menstrual Cycle - Woman Log					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage

Sr. No.	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
217	eve period tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
218	my calendar period tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
219	ovia fertility					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
220	Period Tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
				APPS T	O TRACK AN	ND REMIND PILLS					
221	Medisafe Pill Reminder & Medication Tracker		no	no	no			no	yes	no	
222	MyTherapy Meds & Pill Reminder		no	no	yes			no	no	yes	
223	Maya - Best Period Tracker		no	no	no			yes	yes	no	
224	Dosecast - Medication Reminder		no	no	no			no	no	no	
225	My PillBox					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
226	MyMedSchedule					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
227	Pillboxie					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
228	Lady Pill Reminder ®					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
229	Med Helper Pill Reminder					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
230	Pill Organizer & Reminder					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage

Sr. No.	App Name	Android	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes	iOS	Certificate Chain Broken	Hostname Broken	Certificate Pinning	Comments\Notes
231	Mango Health					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
232	Mr. Pillster - pills reminder					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
233	Pill reminder					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
234	Pill Reminder					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
235	Pill Reminder					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
236	AnyTimer Pill Reminder					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
237	Pocket Pill: Pocket Pharmacy					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
238	Pill Reminder - All in One, Medication Reminders					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
239	Medication Reminder: Medica					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
240	Round Health - Medicine reminder and pill tracker					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage
241	Medication Reminders Widget					All the information remains on the phone, no internet usage					All the information remains on the phone, no internet usage