Title	Manufacturer	General description	Version	Release date	Purpose of the soup	Expected limi	Reasoning for use in medical device	Links with other Software library's
Retrofit	Square	A type-safe HTTP client for Android	2.3.0	14/05/17	A library to make HTTP requests	none	Communicate with the FibriCheck servers	okhhtp3, mojo, guava, gson
Firebase-messaging	Google	Firebase Cloud Messaging (FCM) is a cross-platform messaging solution	11.2.0	6/09/17	Send push notifications	none	Send messages to the patient	none
Android-image-cropper	Open Source	An image cropper for android	2.5.0	1/09/17	Crop images	none	Crop the profile image fo the patient	none
Circleprogress	Open Source	A circular progress bar	1.2.1	2/02/17	Make a circular progress bar	none	Countdown for measurement timer	none
Autofittextview	Open Source	TextView that automatically resizes text to fit perfectly within its	0.2.1	10/03/15	Resize texts to fit in their space	none	Show a nice text on every screen, that nicely fits in its place	none
Graphview	Open Source	Open source graph plotting library for Android	4.2.1	17/09/16	Make graphs	none	Show a graph of pasts measuement. Plot your heart rat	none
Material-animated-switch	Open Source	A material Switch library	1.2.2	20/08/15	Create Switches with the material design look	none	Set your preferences with these switches	none
Calligraphy	Open Source	Custom fonts in Android	2.2.0	3/05/16	Set custom fonts	none	Show every text in a custom font, for a better experience for	none
Zxing	Zxing	Barcode Scanner (incl. QR) library for Android	1.9,8	19/08/17	Scan a QR-code	none	Scan the prescription of a patient	none
Circleindicator	Open Source	A lightweight viewpager indicator	1.2.1	2/05/16	Show your progress in a Viewpager	none	Show the progress of the onboarding process	none
Betterpickers	Open Source	Android library for better Picker DialogFragments	3.1.0	19/12/16	Show a better date & Time picker	none	Select your birthdate	none
Dagger	Google	A fast dependency injector for Android	2.10	20/03/17	Dependency Injection	none	This is most widely used and best supported DI library	javapoet, googlejavaformat, AutoServiceProcessor, AutoFactoryProcessor, AutoAnnotationProcessor, AutoValueProcessor
Butterknife	Open Source	Field and method binding for Android views	8.8.1	10/08/17	Easier Field binding	none	This is the only Field Binding Library available. It is a must have for every Android Project	guava, Android Support Library, javapoet, javaparser
Glide	Bumptech	An image loading and caching library for Android focused on smooth	3.8.0	3/05/17	Load images	none	Load the patient profile image	noen
Otto	Square	An enhanced event bus with emphasis on Android support	1.3.8	17/06/15	An event Bus	none	Handle errors so the user has a nice user experience	none
Okio	Square	A modern I/O API for Android	1.13.0	12/05/17	Handle Low level Data	none	Ziping and sending measurements	none
OkHttp	Square	An HTTP & HTTP/2 client for Android	3.8.1	18/06/17	HTTP Client	none	Authenticate with the FibriCheck Servers	Okio, httpcomponents, airlift, guava, moshi, plexus, errorprone,
Crashlytics	Fabric	The most powerful, yet lightest weight crash reporting solution for	2.6.8	3/05/17	Crash Insights	none	Log crashes of the app	none
Crashlytics answers	Fabric	Mobile app analytics you don't need to analyze	1.3.11	19/01/17	User Insights	none	Better tracing if the patient got an app crash	none
Android SDK	Google	Android Software Development Kit	26.0.1	apr/17	Android SDK	none	This is needed for building an Android App	none
Material-dialogs	Open Source	A beautiful, fluid, and customizable dialogs API	0.9.4.7	17/08/17	Show dialogs with a materual design look	none	Alert the patient of events happening in the app	spotless
AndroidTagView	Open Source	An Android TagView library. You can customize awesome TagView by	1.0.5	14/02/17	Show tags	none	Select your symptoms displayed with this tagview	none
OkHttp-Signpost	Open Source	A Signpost extension for signing OkHttp requests.	1.1.0	6/11/09	Sign Oauth requests	none	Authenticate with the FibriCheck Servers	none
JUnit	junit-team	Unit testing for Android	4.12	4/12/14	Testing Library	none	Test the code before it is desployed to the patients	none
Mockito	mockito	Mocking library	1.10.19	31/12/14	Mock objects for testing	none	Improve the testing before the application is deployed to	bytebuddy, hamcrest
MaterialDateTimePicker	Open Source	Pick a date or time on Android in style	3.0.0	20/11/16	Select your time with this material design layout	none	Set a reminder time	none
Apache Commons Codec	Apache	Simple encoder and decoders for various formats such as Base64 and	1.10	6/11/14	Encode and decode between different formats	none	Base64 encode the Oauth requests	none
Sentiance	Sentiance	SDK that creates user behavior profiles by analyzing sensor data	3.8.1	12/10/17	Analyze user behaviour	none	Get better insights of the patient	none
Android Support Library	Google	Provide newer features on earlier versions of Android or gracefully fall back to equivalent functionality	26.0.2	1/08/17	Provide Backwards compatibility for older android API's	none	Not all new features are provided with backwards compatible modes. So an other solution has to be applied	none