***Used libraries***

In our application we used different tools and libraries.We used kotlin language and android studio IDE to write and implement our code, for storing data we used firebase and sqlite(for alarms) and for pill info we used pillbox api.

1- Authentication:

For login and sign up we used firebase especially firestore authentication that allow us to use email, google and facebook for authenticating the users.

2-Survey and user data:

To save and retrieving our user data and the survey data (that is connected to a specific user) we used firebase especially firestore.

3-Search, pill info and api:

For searching for specific medicine by name or characteristic we used pillbox api, this api have been connected to our application by using retrofit library, so we can retrieve all data perfectly.

4-Alarm:

For alarm feature we used sqlite to save alarm data and form running the alarm we used NotificationCompat which is in a android library that allow us to modify the notification, so it has been became an alarm with ring tone.

5-Notification:

In our app we used firebase especially message cloud service to save our notification and to pop up those notification we used NotificationCompat which is in a android library.

Other:

The list below is for the main tools and libraries that we used, of course we used other libraries and tools like android, android and google(for firebase) main libraries.