Diary

18/02/2021 -> intent (moving from one activity to another and sending data)

19/02/2021 -> finished literature review, usecase diagram

20/02/2021 -> usecase diagram, UI design (wire frame)

21/02/2021 to 24/02/2021 -> login design

**Configuring the build**:- <https://developer.android.com/studio/build>

**XML files** :- <https://abhiandroid.com/ui/xml#:~:text=Strings%20xml%20File(strings.,the%20reusability%20of%20the%20code>.

01/03/2021 -> home page and stopwatch design / cancel animation -https://stackoverflow.com/questions/4112599/how-to-stop-an-animation-cancel-does-not-work/4112620

02/03/2021 - 03/03/2021 -> stopwatch implementation (<https://abhiandroid.com/ui/chronometer>) <https://developer.android.com/reference/android/widget/Chronometer#Chronometer(android.content.Context)>

<https://www.zoftino.com/android-chronometer-timer-stopwatch-tutorial>

04/03/2021 -> android fire base / <https://www.youtube.com/watch?v=dRYnm_k3w1w&t=269s>

08/03/2021 -> notification :- <https://developer.android.com/training/notify-user/build-notification#kotlin> <https://developer.android.com/reference/android/app/Notification.Builder>

<https://www.youtube.com/watch?v=urn355_ymNA>

tutorial for custom notification: - <https://codinginflow.com/tutorials/android/custom-notification>

alertDialogue: <https://suragch.medium.com/adding-a-list-to-an-android-alertdialog-e13c1df6cf00>

dialog edittext :- <https://www.youtube.com/watch?v=HYyeBI3Qu_Q>

<https://developer.android.com/guide/topics/ui/dialogs#kotlin>

dialog list :- <https://www.youtube.com/watch?v=2Nj6qCtaUqw>

iteration 2

android fire base / <https://www.youtube.com/watch?v=dRYnm_k3w1w&t=269s>

password authentication: <https://firebase.google.com/docs/auth/android/password-auth>

Bug :- cant set the notification sound to silent <https://stackoverflow.com/questions/45919392/disable-sound-from-notificationchannel>

Reference

Round button: <https://stackoverflow.com/questions/11078487/whats-toolscontext-in-android-layout-files>

mainActivity design to be implemented: <https://www.youtube.com/watch?v=psKWCE1o-Uw&t=0s>

To do:

* Fix clock animations
* Cancel button on save activity dialog.
* Control stopwatch from notification
* Progress dialog