

Homework 1 Login Screen Animation Design

To fight against the COVID-19 spreading, this mobile app will be a useful life style tracking monitor. People can use it in their daily life.

Design a Login Screen with Animation. Make following functions available:

- The user can sign in with Email and Password.
- New user can create an account with a valid email and password.
- The user can be backward if they want
- Generate registers' records in backend.

UI design for Login Screen:

- Add animation for mobile app launching.
- Add Button customization based on KivyMD's Documentation.
- Add moving shift from Login Screen to next view.

Homework 2 Content Design

Skeleton the problem the app resolves. List all the factors we should consider for life health tracking. Build the reliable scoring system based on all possible influence factors.

Make following functions available:

- Add Navigation Drawer to direct to user's profile, historical records, health card and etc.
- Add signout in Navigation Drawer.
- Add Button navigation if needed.
- Design BoxLayout and adjust widget properties.
- Navigation between multiple screens.

Homework 3 Multimedia Combination Design

- Add GIS panel for daily life localization records.
- Change the scoring standard based various regional risk levels.
- Visualize the location records on map.

Homework 4 Mobile App Finalization

- Finalize logic design.
- Package the whole app.
- Test on mobile emulator.