User editing tracking data

States and transitions (diagram labels):

- open app → Security check
- Security check — recheck (self)
- Security check — safety → waiting for login
- Security check — once unsafe status is found after check → print warning messages
- waiting for login — user is not registered → username requirement
- waiting for login — user is registered → waiting for username and password entry
- username requirement — invalid/ username (self)
- username requirement — enter username → password requirement
- password requirement — weak password
- password requirement — /check password for strength
- password requirement — strong password → Waiting for Email verification
- Waiting for Email verification — [unverified] (self)
- Waiting for Email verification — [verified] → ask for questionnaire
- ask for questionnaire → save data
- using BehaviourAnalyser analysis to get first suggestions
- save data — [registered] → waiting for username and password entry
- waiting for username and password entry — enter username and password → read username and password
- read username and password — /check username and password
- [username or password invalid]
- [username and password valid] → Search Network
- print warning messages — exit
- Search Network — network found → Keep server data and local data synchronised
- Search Network — no network found → waiting for operation

Keep server data and local data synchronised
- fetch user's local data — [fetched] → fetch user's cloud data
- fetch user's cloud data — [fetched] → received data for comparison
- received data for comparison — [yes] → local data identical to cloud data
- local data differs from cloud data
- /find newer data
- local data is newest → send to server for cloud data update
- send to server for cloud data update — sent successfully → fetch user's cloud data
- Cloud data is newest → save to local data
- save to local data — saved successfully → fetch user's local data
- successful → waiting for operation

- waiting for operation — add an external tracker → ask user to give read access to tracking data over API
- ask user to give read access to tracking data over API — yes → data saving
- ask user to give read access to tracking data over API — no → waiting for operation
- data saving — network found → Keep server data and local data synchronised
- data saving — successful → waiting for operation
- waiting for operation — go to 'show tracking details' → show tracking info
- show tracking info → edit tracking data
- edit tracking data — adding → requirement for adding/editing data
- edit tracking data — removing → requirement for removing data
- requirement for adding/editing data — added → data saving
- requirement for removing data — deleted → data saving
- show tracking info — exit → (final)
- waiting for operation — exit → (final)