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Android/IRE
                  Application
                          Google Map API
                   Ocreate New Account (FR+User Versions)
                          - Send Valid New Account Info to BE
                  D Login+ Logont (User ter version)

Send Valle Login info for comparison
                         - if success, teceive and store loopin key
                          - if failure, no login key + loginerror
- poriodically send login key to BE for verification
                           - if success, no change
- if failure, logout
- logout : delete local key + Tell BF
                  3 Send user location to BE to end up in DB at some interval (user version)
                  (1) Receive user locations from BE (FR version
BE | Hosting System (Cloud or Local)
             Python Environment
                 Flask Framework
                     System Agglication
MySal Python Connector Library + Key Generator
                     1) Create New Account Info (User+FR version)
                          - (Flask) Receive + Save New Account Info from FE
                          ~ (Python Conni + MySQL) Send New Account Into to DB (User+FR version)
                                ·MySQL: (Table "User_Infa" ko" FR_Infa") New Row, Insert Infa (u/blank location column)
                                 Puthon conn: Seal MySQL code to DB to be executed
                           - (flusly HTM R.Co) Try/catch + return error codes to fe
                    @ Login + Logout (User+FR version)
                           -(Flask) Receive+Save FE Login attempt Info
                           - (Pythan conn.+ MySQL) Retrieve + Save BE Login info with Matching Username
*MySQL: (Table "User-Info" Xor "IPR_ITE") Query Logic info
                                  ·Python conn: Retrieve + Save login info w/motching username
                           - (Flask/stre/kaysod/nysol/r, com) Verify Login into + grant key if Verifiel (otherwise sent error code)
                                   · Compare FE Login cuttomet info W/RF Login info.

(Flash/HTT?) If not equivalent, delete locally saved FE+BE login into and send error code toff
                                  (Flask/Key Boo/Py conn/Apal) If equivalent bolds book your fe 18 login in our to be usernoone, bereate key, and sed key to -MySQL: (Table User key) wor "FR-Key") NEW ROW, Insert key user name
                                            - Pylann: Soul MysQL cade to DB to be enclosed
- Flask: Soul key to FE; delete locally soved DB usoname
                           -(Flask/HTTP?/mySQL/fylonn.) Periodically verify the FE login state via key and username. Logout if inmit.
- Flast: Receive and save FE key and username.
- MySQL: (Table "User_key" xor 'FR_key") Query given username and key (from the FE)
                                            - Pycom: Retrieve and Save the DB Version of the key and username
                                             - Compare the FE and DB versions of the key and username - [Flask/HTTP?] If not equivalent, delete all locally saved key and username data, Se. 1
                                             -(Flask) If equivaket, delete all locally soved key and username data
                       -(Flask/HTTP?/My SOL/Py Conn) FE-started logo at
                              "Fins k: Receive Logaut notice. Receive+save FE username and key before FE key deletian. Send back okaptor before FE key deletian. Send back okaptor began "MySQL: (Table "User_key" xor "FR_key") Query+delete row contains DB key/username equivalent to FE version "PyCann.: Send MySQL code to DB to be executed "Delete all lacally stored key/username data "(Flask/HTTP?) Send error codes to FE
               3 Sending user location to DB (User version) [Requires login state]
                       - (Flask) Receive emergency notice from FE. Receive + store location data and username.
                       - (MySQL/PyConn.) Overwrite location data in DB
                                · MySQL: (Table "User Info") Degramma location column of row of the usoname matching the FE usename · PyCona: Send MySQL code to DB to be executed
                       - repeat every 30 seconds (for large scale) or 5 seconds (for sonall scale)
               1 retrieving user location from DB(FR version) (requires login state)
                       - (Flash) Receive Ready notice from FE. Receive and Store location data and username.
                      - Find conversion for x number of miles to magnitude of longitude/latitude as bounds for a query scurch - (MySQL/PyConn.) Find all victims within a specific radius and save their data in the system as multiple arrays - (MySQL: (Table User_Info") Query identity, medical, location (excluding log/n data)
                                  · Pyconn: Retrieve and save user data
                       - (Flask) Pass user data to FE, Once passed delete all locally stored user data.
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