keyhubbot

A key provider to End users based on their data

Python Packages

- `botogram2`
- `redis`
- `requests`
- `pandas`
- `numpy`
- `sqlalchemy`

> NOTE: for uploading a package u need an additional pkg: `d6tstack`

Modules

Phase-1

- **Commands:**

  - `/start` : shows the basic commands
  - `/help` : shows about the bot, description about each commands incorporated
  - `/requestkey` : requesting key –> then select product type - A or B
  - `/keystatus` : view key usage stats for each product
    - `datetime` - at last access
    - `location` - accessed from which location (i.e. country) during last time
    - `keycount` - no. of times keys accessed till date
  - `/sharephone` - share user's phone no. via keyboard

- **Location:**

- **Database:**

  - **Redis (NoSQL)**:
    - This database is for viewing the info.s corresponding to a user (with phone no.)

- store latest used product keys, key_count_total, key_count_today,
  - **PostgreSQL (SQL)**:
    - This database is for viewing the info.s corresponding to a product key.
    - This is also for ease of use by the end product manager. They can view the product keys with user details filled correspondingly.

Phase-2

- **user's daily usage limit:** Here, user's daily usage will be monitored and if exceeds the limit i.e. 2 keys/day, then wait for the next day or subscribe for premium membership.
- **sequential product key dispersal:** A user can avail the product key only if the info. shared in this sequence - `[username --> location]`
- segregate b/w key_count_total, key_count_today