



Login: All reports generation for user and functions for admins only accessible after logging in.

Basic App Report: Generate App usage statistics when user enter start and end time. There are 4 ways the statistics can be categorized in.

Top-K App Usage Report: when user enter start and end time, user can see:

- 1) Top-k most used app(user input school)
- 2) Top-k students with most app usage (user input app category)
- 3) Top-k schools with most app usage (user input app category)

Smartphone Overuse Report: to monitor user's usage time, gaming time, and frequency of checking phone.

Smartphone Usage Heatmap: shows the density of people using phone at user input's location, with user input date and time

Social Activeness Report: calculate user's own social communication app usage and physical placings.

Bootstrap: consist 2 admin functions.

- 1) Clear any data in database and load with new data files.
- 2) Add new data from new data files in existing database

Delete Location Data: To delete a subset of data from database which could cause undesirable bias to the analysis either while loading or using WebUI