Smartphone Based Personal Big Data Analytics Platform

Technology Overview

Personal big data collection and analytics platform enables users to log and retrieve their daily life, provides the data itself as well as statistical/non statistical analysis results on a person or a group of people to service applications
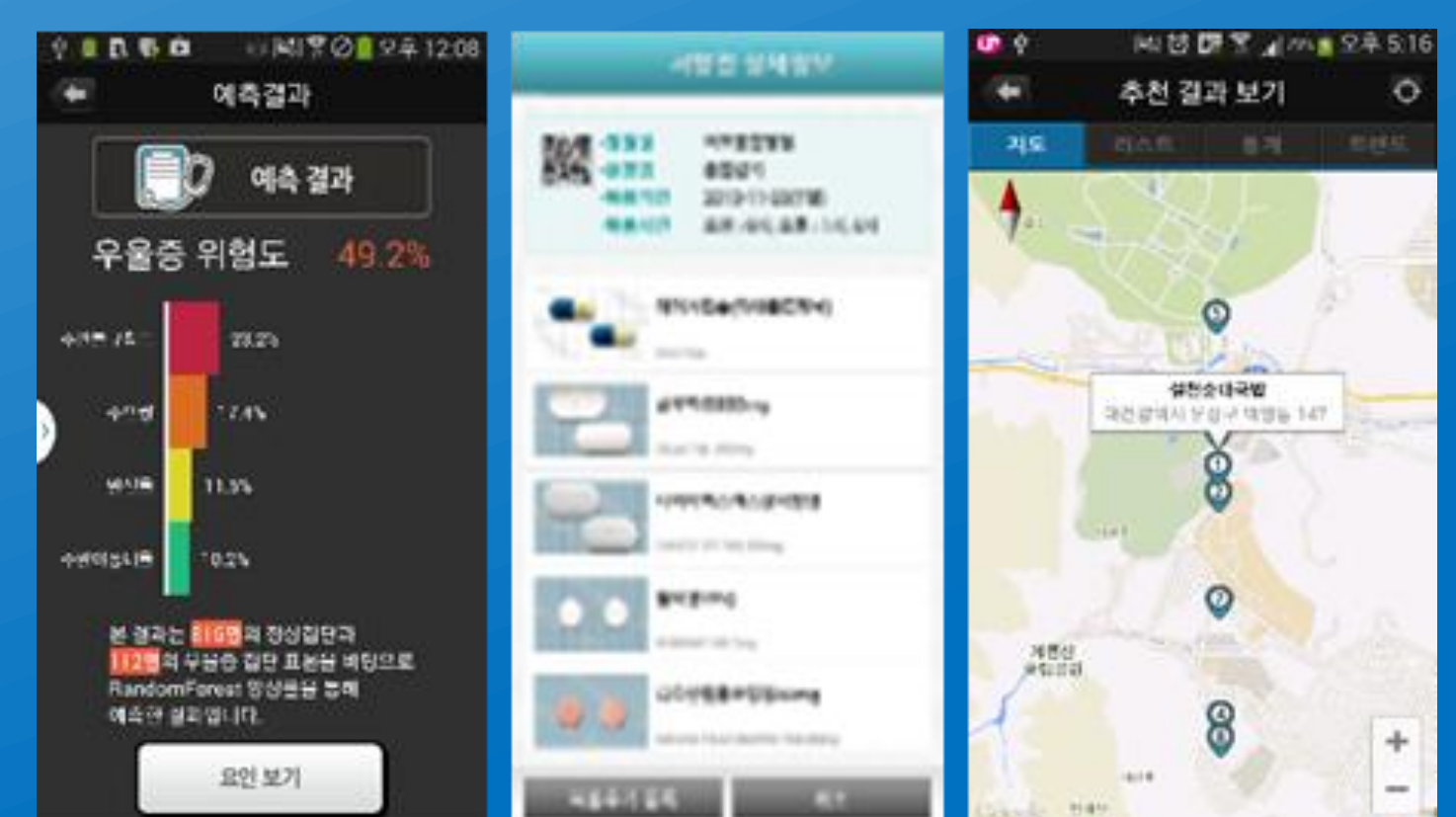

Core Technologies

- Personal data collection and quantification: spatio-temporal, behavioral, social, environmental data quantification and semantic tagging
- Personal big data management: event & history(time) based indexing, and searching
- Personal big data analytics: statistical, time-based, spatial, pattern analysis

Application Area and Advantages

- Personal history, personal digital DNA, personal digital avatar, personal life care service(depression, exercise) targeted advertisement.

Accomplishments

- 2 patents, 3 publications

Service Applications
(Depression Analysis, Restaurant Recommendation)