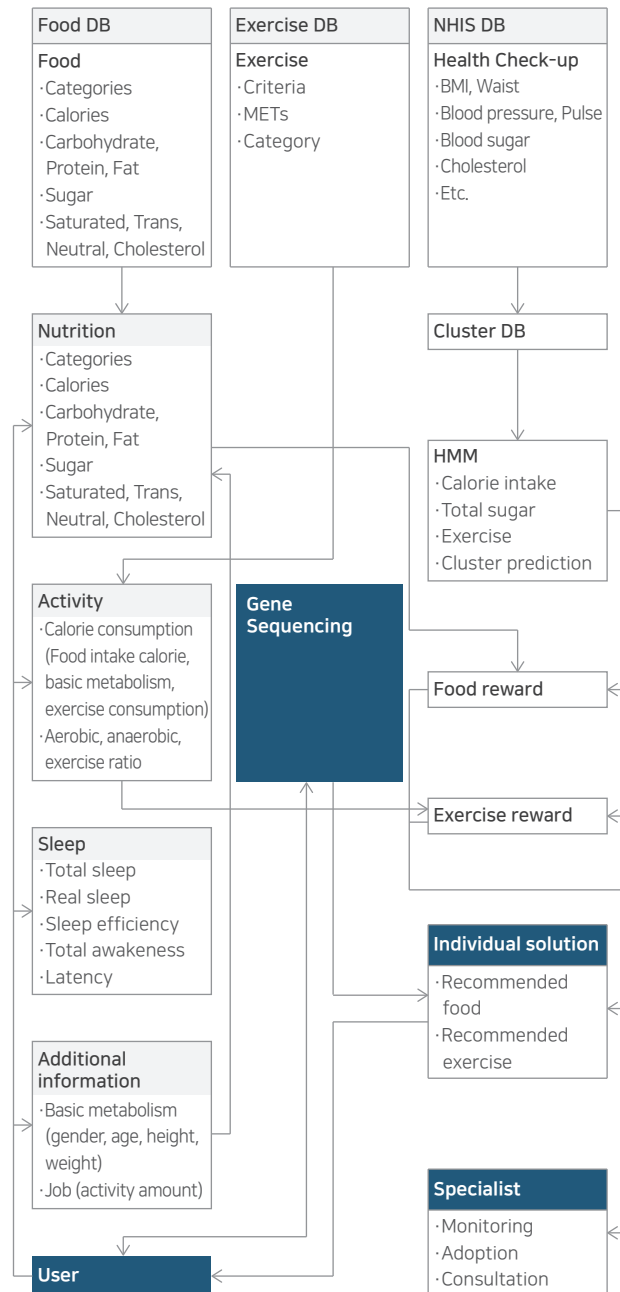


## Cloud Server



## BALANSTATE

BalanState finds the optimal solution for customers through the convergence of genetic information and life data based on multi-omics analysis. Customer's personal data are thoroughly encrypted and stored. BalanState provides enhanced healthcare services powered by machine learning to build the personalized solutions.



# BalanState BH

Bone Health

## SERVICE INTRODUCTION

Bone health (BH) is the service that enables early diagnosis and prognosis of musculoskeletal diseases. Patients can receive personalized treatments adopted by specialists based on the integrated risk score. Continuous management provided by BalanState can reduce the likelihood of recurring related diseases in the future.

## TARGET CUSTOMERS

- Individuals

Middle-aged and elderly workers who want disease prevention and follow-up care
- Company

Employers who have duty to check workers' health and maintain workers' health protection
- Hospital

Specialists who want to provide genetic health checkup and contactless digital treatment service

## MAIN FEATURES



Diet pattern analysis



Exercise pattern analysis



Sleep pattern analysis



Bone gene analysis



Prediction of disease risk



Patient-specific treatment

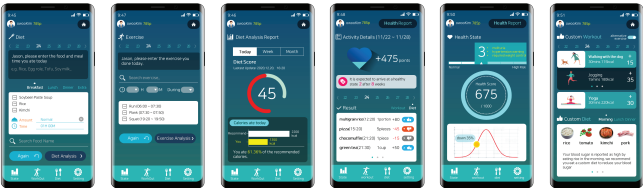


Treatment compliance analysis



Self-care help

## SERVICE INTRODUCTION



- Input

Registration of diet, exercise, and sleep information  
Genetic testing and extraction
- Analysis

User life information analysis  
cfDNA, miRNA analysis
- Care

Confirmation of actual treatment compliance  
User-personalized recommendations  
Consultation with a specialist

# BalanState KKLY

Bone Health

## SERVICE INTRODUCTION

Kikleyo (KKLY) is the service that predicts the adult height of children and provides solutions related to growth. By analyzing the parents' genetic influences and the children's life environment, users can identify the growth potential of their children and prevent factors that hinder their children's growth.

## TARGET CUSTOMERS

- Individuals

Parents with growing children or individuals who are growing up

## MAIN FEATURES



Diet pattern analysis



Exercise pattern analysis



Sleep pattern analysis



Growth gene analysis



Growth potential identification



Predicting child's adult height

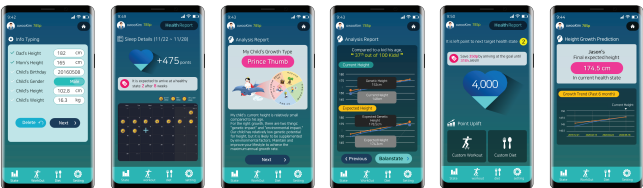


User-personalized solution



Self-care help

## SERVICE INTRODUCTION



- Input

Registration of basic information  
Registration of diet, exercise, and sleep information  
Genetic testing and extraction
- Analysis

Matching growth type (clustering)  
Analysis of genetic and environmental factors  
Providing adult height prediction results
- Care

Desirable personalized lifestyle recommendation  
Checking the growth trend