

Moon Jihyeon Im Heeseon





ABOU

식품에 포함된 알러지 성분을 표시하고 사용자의 알러지에 해당한다면 주의 표시를 하여 알러지를 피해 식품을 섭취할 수 있도록 돕고 섭취하기 전 영양소의 통계를 표시하여 균형적인 섭취를 도와주는 식품 정보 웹사이트 11/23-24

섭취내역 추가 메인페이지 수정 수량에 따른 칼로리 표시 11/27-28

영양소 통계 그래프로 표시 마무리작업 문서작업 OUR
PLAN





COUPANG

GOOD

계속 추천제품을 띄워주어 사용자가 다양한 제품을 접할 수 있음

BAD

한 페이지에 광고와 이미지가 과하게 표시되어 다소 어수선함

EMART MALL

GOOD

한 페이지에 광고&이미지를 적절하게 분배 상품분류가 잘 되어있어 사용이 편리함

BAD

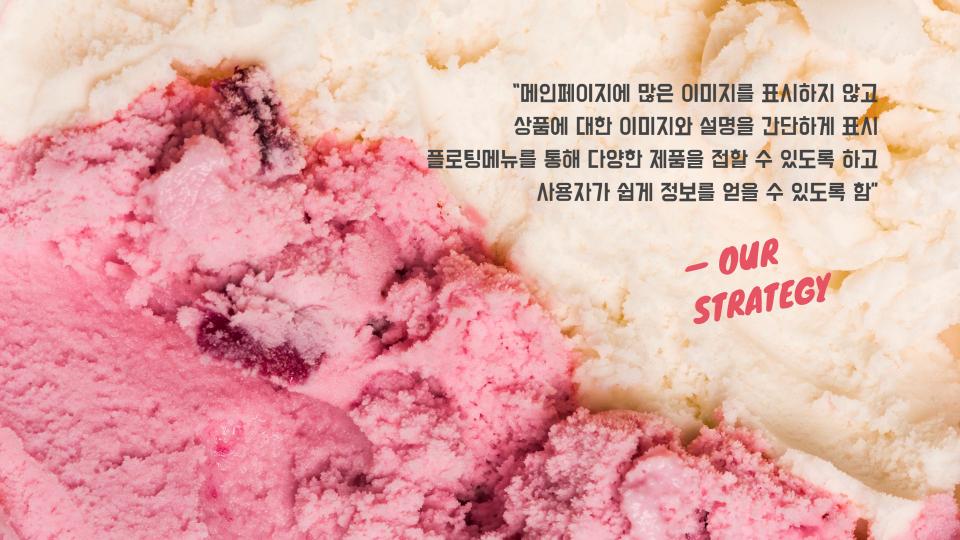
찍 선택 시 바로 이동할 수 있는 경로가 없어 불편한 부분이 있었음



CJ CHEILJEDANG

GOOD

텍스트가 적절하게 배치되어 있어 핵심정보만 얻을 수 있어 편리함



OUR RESULT

개발환경 & 적용기술

Spring Boot / Vue.js

Javascript, Ajax, Axios, Bootstrap jQuery, REST API, MyBatis

기본기능

공지사항. Q&A 로그인, 로그아웃. 회원가입. 비밀번호찾기 상품명. 제조사. 재료 검색. 상세정보 조회 자주 조회한 상품 목록. 찜하기. 섭취내역



추가기능

알러지 정보 주의 표시 상세정보에서 영양소에 따른 유사상품 표시 자주 조회한 상품을 플로팅메뉴로 표시 찜 목록에서 선택 시 동적으로 수량에 따른 칼로리와 영양소 통계 표시

적용한 알고리즘

유클리드 거리 알고리즘

- 영양소마다 값을 비교하여 유사상품 목록 표시 퀵정렬 알고리즘
- 자주 조회한 상품 목록이 조회수에 따라 내림차순으로 표시

WWW DANGERS SOO. 1.00 8 - 9 0 E toler TAX NOT LOOK AND A SECRETARIOUS. 칠의용달 -** 207 1916 90 ** # A # 1

PLAY VIDEO

EXPECTED RESULTS



자신만의 정보 저장 공간

"로그인하여 개인 영역에 자신의 알레르기를 저장하고 섭취내역을 조회할 수 있다."



알레르기 해당 식품 구분

"제품 섭취 전 자신의 알레르기에 해당하는 식품을 간편하게 구분할 수 있다."



섭취 전 영양소 체크

"섭취 전 영양소의 통계를 그래프로 표시하여 섭취하게 될 영양소를 확인할 수 있다."



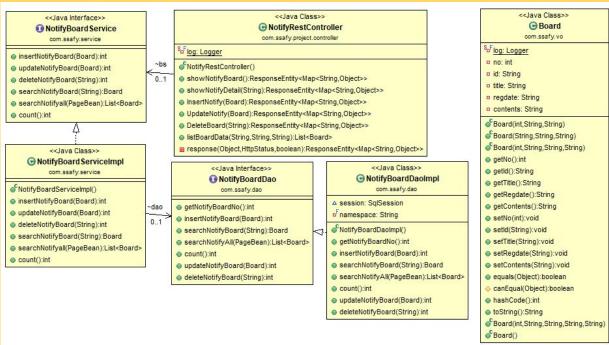
THANKS



<<Java Class>> <<Java Interface>> <<Java Class>> <<Java Interface>> <<Java Class>> ● Food ServiceImpl ● Food Service MainController Member Service com.ssafy.service com.ssafy.service com.ssafy.project.controller com.ssafy.service com.ssafy.service a^Slogger: Logger o insertData(Food):int MainController() insertMember(Member):int allergys: String[] foodCount(FoodPageBean):int main():String LoginMember(String,String):boolean insertMember(Member):int FoodServiceImpl() searchAll():List<Food> o gomain():String searchMember(String):Member ⊕ LoginMember(String,String):boolean searchAll(FoodPageBean):List<Food> searchAll(FoodPageBean):List<Food> Login(String,String,HttpSession):String updateMember(Member):int searchMember(String):Member ~fser@ceignup(String,String,String,String,String,String,String,HttpSession):String 0..1 search(int):Food o search(int):Food deleteMember(String):int updateMember(Member):int searchBest():List<Food> searchName(String):Food Logout(HttpSession):String searchAll():List<Member> deleteMember(String):int searchBestIndex():List<Food> searchBest():List<Food> memberlist(HttpSession):String o searchPass(String):String o searchAll():List<Member> insertData(Food):int searchBestIndex():List<Food> update(String,String,String,String,String[]):String findpass(String):Member searchPass(String):String searchNut(int):Nutrition getAllList():List<Food> o delete(String):String o findpass(String):Member addeat(int,int):void addeat(int,int):void doList(HttpSession):String searchAll():List<Food> o insertFood(Food):int o doSearch(String,String,HttpSession):String ~dao 0..1 foodCount(FoodPageBean):int updateClick(Food):int o doView(String,HttpSession):String <<Java Class>> ««Java Interface»» searchName(String):Food searchByFrequency():List<Food> doSort(String,String,HttpSession,HttpServletResponse):String **● MemberDao** getAllList():List<Food> SquickSort(List<Food>,int,int):void com.ssafv.dag com.ssafy.dao insertFood(Food):int SomutoPartition(List<Food>,int,int):int <<Java Class>> of ns: String updateClick(Food):int o doSimilar(String, HttpServletResponse):String insertMember(Member):int ● FoodDaolmpl △ session: SqlSession searchByFrequency():List<Food> com.ssafy.dao LoginMember(String,String):Member o^CMemberDaolmpl() <<Java Class>> searchMember(String):Member a session: SalSession <<Java Class>> ~dao 0..1 **⊕** Food o insertMember(Member):int updateMember(Member):int namespace: String Member com.ssafy.vo searchMember(String):Member deleteMember(String):int <<Java Interface>> FoodDaolmp() com.ssafy.vo code: int LoginMember(String,String):Member searchAll():List<Member> **●** FoodDao o loadData():void a id: String name: String updateMember(Member):int searchPass(String):String oom.ssafy.dao insertFood(Food):int pw: String supportpereat: double searchAl():List<Member> findpass(String):Member loadData():void addFood(Food):int name: String deleteMember(String):int calory: double foodCount(FoodPageBean):int foodCount(FoodPageBean):int phone: Str. carbo: double searchPass(String):String searchAll(FoodPageBean):List<Food> searchAll(FoodPageBean):List<Food> email: String protein: double findpass(String):Member searchAll():List<Food> searchAll():List<Food> allergy: St. fat double search(int):Food search(int):Food at String sugar: double searchName(String):Food searchName(String):Food ans: String natrium: double updateClick(Food):int searchBest():List<Food> chole: double Member(S., searchBest():List<Food> searchBestIndex():List<Food> fattyacid: double Member(S.. searchBestIndex():List<Food> transfat: double getid():Stri. @ getAllList():List<Food> maker: String 6Smain(String[]):void material: String @Sprint(List<Food>):void img: String searchByFrequency():List<Food> allergy: String frequency: int Food(double.doub getCode():int getName():String

ERD 메인 컨트롤러

ERD 공지사항 레스트 컨트롤러



<<Java Class>> com.ssafy.dao namespace: String A session: SqlSession getQnABoardNo():int insertQnABoard(Board):int searchQnABoard(String):Board searchQnAAll(PageBean):List<Board> o count():int updateQnABoard(Board):int deleteQnABoard(String):int commentlistByno(int):List<Comment> o commentinsert(Comment):int commentdelete(int):int sumFood(String):Food <<Java Interface>> **QnABoardDao** com.ssafy.dao

getQnABoardNo():int

o count():int

insertQnABoard(Board):int

updateQnABoard(Board):int

deleteQnABoard(String):int

o commentinsert(Comment):int

commentdelete(int):int

sumFood(String):Food

searchQnABoard(String):Board

searchQnAAll(PageBean):List<Board>

commentlistByno(int):List<Comment>

• QnARestController com.ssafy.project.controller So log: Logger △ service: MemberService © QnARestController() showListBoard():ResponseEntity<Map<String,Object>> getsession(HttpSession):ResponseEntity<Map<String,Object>> showDetailBoard(String):ResponseEntity<Map<String,Object>> InsertBoard(Board):ResponseEntity<Map<String,Object>> commentlistByno(int):ResponseEntity<Map<String,Object>> o commentinsert(Comment):ResponseEntity<Map<String,Object>> commentdelete(int):ResponseEntity<Map<String,Object>> OpdateBoard(Board):ResponseEntity<Map<String,Object>> DeleteBoard(String):ResponseEntity<Map<String,Object>> listBoardData(String,String,String):List<Board> findpass(String,String):ResponseEntity<Map<String,Object>> sumFood(String):ResponseEntity<Map<String,Object>> response(Object, HttpStatus, boolean): ResponseEntity<Map<String, Object>> <<Java Class>> com.ssafy.service

~daco updateQnABoard(Board):int

o count():int

insertQnABoard(Board):int

deleteQnABoard(String):int

o commentinsert(Comment):int

commentdelete(int):int

sumFood(String):Food

searchQnABoard(String):Board

searchQnAall(PageBean):List<Board>

o commentlistByno(int):List<Comment>

<<Java Class>>

p-String,Object>> /<Map<String,Object>> p-String,Object>> p-Strin

commentdelete(int):int

sumFood(String):Food

SoF log: Logger

u title: String

getNo():int

getId():String

getTitle():String

setNo(int):void

hashCode():int

Board()

toString():String

setId(String):voidsetTitle(String):void

getRegdate():String

getContents():String

setRegdate(String):void

setContents(String):void

equals(Object):boolean

canEqual(Object):boolean

regdate: String

a contents: String

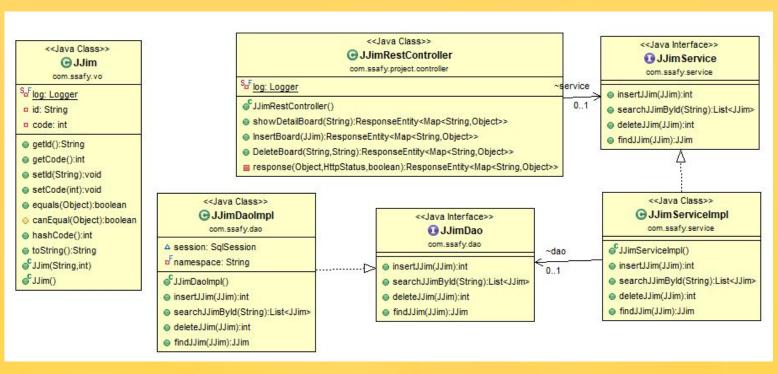
Board(int,String,String)

Board(String, String, String)

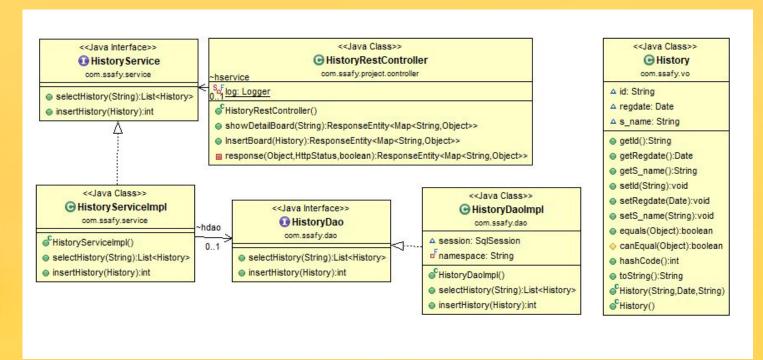
Board(int,String,String,String)

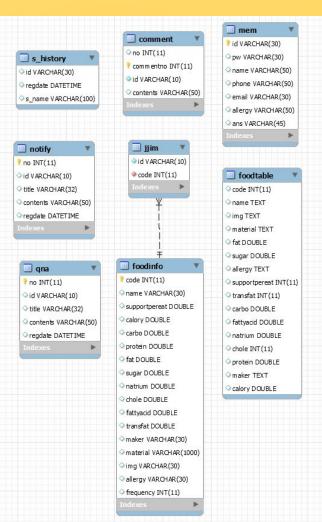
no: int

ERD 찝 레스트 컨트롤러



ERD 섭취 레스트 컨트롤러





ERD HIOIEHHOIA