



# Recipe Master

한우석  
유은나, 이정원, 지인철

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A still life composition of various spices and ingredients on a dark, textured surface. In the foreground, a silver tray holds several items: a bowl of black beans, a bowl of brown lentils, a small bowl of yellow powder, and a bunch of red chili peppers. Fresh green herbs are scattered around the bowls. To the left, a red cloth is partially visible. In the background, a wooden cutting board and a wooden spoon are present. The word "Subject" is written in a large, elegant, light-colored serif font on the right side of the image.

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# Subject



# Subject





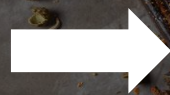
# Subject





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# Subject



# Recipe Master





# Demo



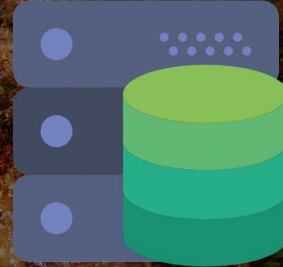
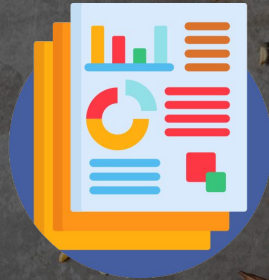
A still life composition of various spices and ingredients on a dark, textured surface. In the foreground, a silver tray holds several bowls: one with black beans, one with brown lentils, and one with a yellowish-brown powder. Fresh green herbs, including cilantro and green onions, are scattered around the bowls. A bunch of bright red chili peppers lies on the tray. To the left, a red cloth is partially visible. In the background, a wooden cutting board and a wooden spoon are present. Spices are also scattered on the dark surface, including a small pile of yellow powder and a few whole seeds. The word "Details" is written in a large, elegant, light-colored serif font on the right side of the image.

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# Details



# Procedure





# Requirement Document 1

업무영역		RecipeMaster Web Page		
요구사항 ID		유은나, 이정원, 지안철, 한우석	요구사항명	레시피 페이지 개발
개요		요리가 어렵다고 느끼는 사람들에게 손쉽게 접근할 수 있는 요리법 소개		
요구 사항 내역	상세설명	<ul style="list-style-type: none"> <li>• [Login / Logout / FindPW / SignUp]               <ul style="list-style-type: none"> <li>- 회원가입한 유저 정보 DB 삽입</li> <li>- 각각 페이지마다 로그인 버튼 존재</li> <li>- 회원가입 페이지 따로 존재(SignUp 버튼 클릭시 페이지 이동)</li> <li>- 개인 정보 보기(수정,탈퇴)</li> </ul> </li> </ul>	[ Skill Set ] <ul style="list-style-type: none"> <li>- HTML, JSP, Spring, Oracle, JPA, JS</li> </ul>	
		<ul style="list-style-type: none"> <li>• [Main]               <ul style="list-style-type: none"> <li>- 사이드 바                   <ul style="list-style-type: none"> <li>- 홈,레시피,리뷰,최근 본 레시피</li> </ul> </li> <li>- 홈 : 인기 레시피,백종원 아저씨 동영상?...etc</li> <li>- 레시피 : 레시피,재료,댓글</li> <li>- 게시판 : 리뷰</li> </ul> </li> </ul>	[ Skill Set ] <ul style="list-style-type: none"> <li>- JSP, ELK, Spring</li> </ul>	
		<ul style="list-style-type: none"> <li>• [데이터 수집]               <ul style="list-style-type: none"> <li>- 만개의 레시피 사이트에서 크롤링</li> </ul> </li> </ul>	[ Skill Set ] <ul style="list-style-type: none"> <li>- Jsoup, Selenium, ELK</li> </ul>	
		<ul style="list-style-type: none"> <li>• [검색창]               <ul style="list-style-type: none"> <li>- 검색하면 전체에서 뽑아 내서 보여줌</li> </ul> </li> </ul>	[ Skill Set ] <ul style="list-style-type: none"> <li>- HTML, JSP, Spring, ELK, JavaScript</li> </ul>	
	중요도	상	난이도	중



# Requirement Document 2

업무 영역		웹페이지 개설 심화형		
요구사항 ID		나중에	요구사항명	심화과정
개요		로그인 조건 추가 / 지도 추가		
요구 사항 내역	상세설명	<ul style="list-style-type: none"><li>● 로그인 조건<ul style="list-style-type: none"><li>- 페이스북, 카톡, 구글 등으로 로그인 하기</li></ul></li><li>● 좋아하는 레시피 검색과 관련 음식점 보여주기</li><li>● 즐겨찾기(내가 관심있는 레시피)</li><li>● 검색 한 뒤 유사 검색어 보여줌</li><li>● 최근 본 레시피</li></ul>		
	중요도	상	난이도	최최최상



# Skill Set



1. RDBMS : Oracle
2. NoSQL : ElasticSearch(7.1.1)
3. Development Language : Java / JavaScript / HTML / CSS
4. Framework : Ajax / Spring boot(2.19)
5. Library : Maven(Lombok , Jsoup 1.12.1) / Axios / High Charts
6. Template : Thymeleaf
7. Tool : Oven / ERD Master / Kibana



# Modeling – RDBMS



Customer	
	ID (UNN)
	pw (NN)
	Age
	Email

Chart	
	Seq (NN)
	count
	Keyword



# Modeling – Elastic Search

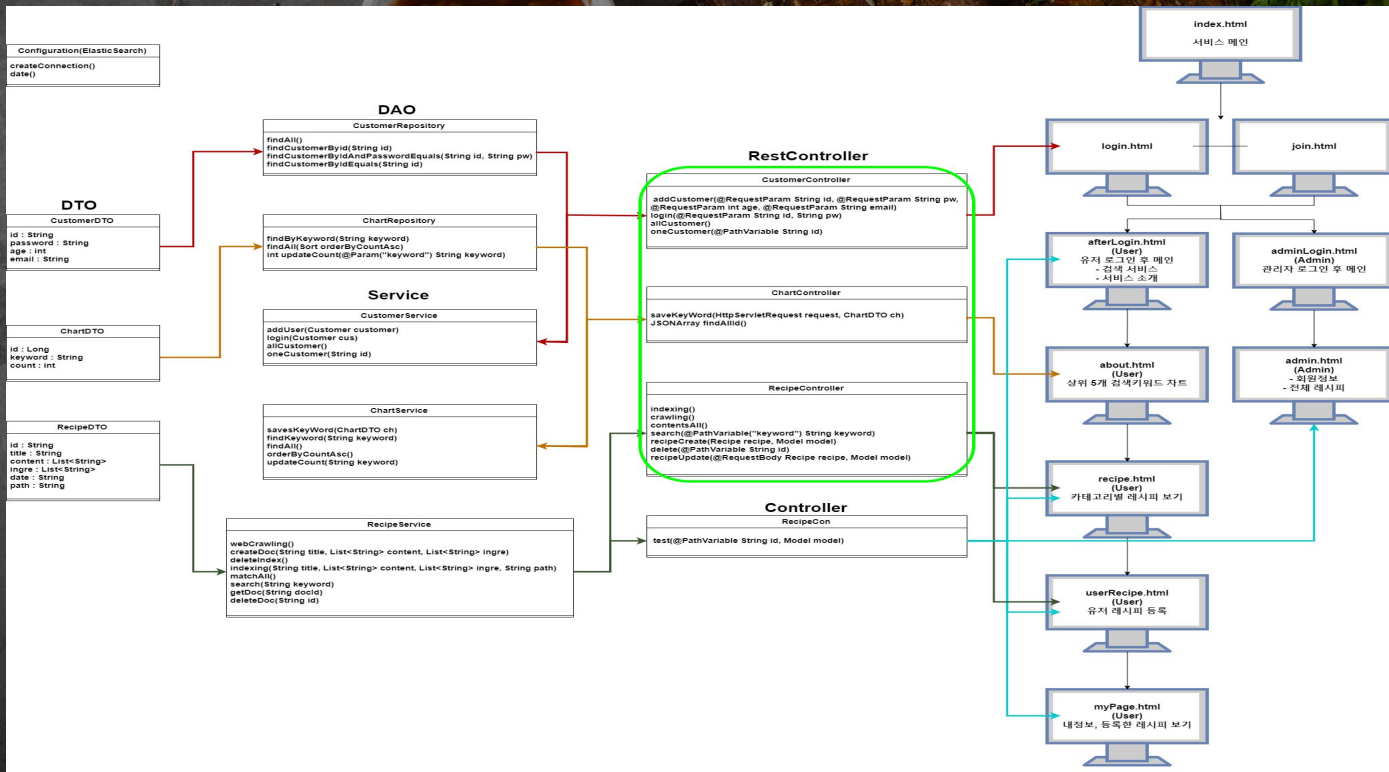
```
{
  "recipe" : {
    "mappings" : {
      "properties" : {
        "content" : {
          "type" : "text",
          "fields" : {
            "keyword" : {
              "type" : "keyword",
              "ignore_above" : 256
            }
          }
        },
        "date" : {
          "type" : "date"
        },
        "ingre" : {
          "type" : "text",
          "fields" : {
            "keyword" : {
              "type" : "keyword",
              "ignore_above" : 256
            }
          }
        }
      }
    }
  },
}
```

```
    "path" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "title" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
}
```

```
    "user" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  }
}
```

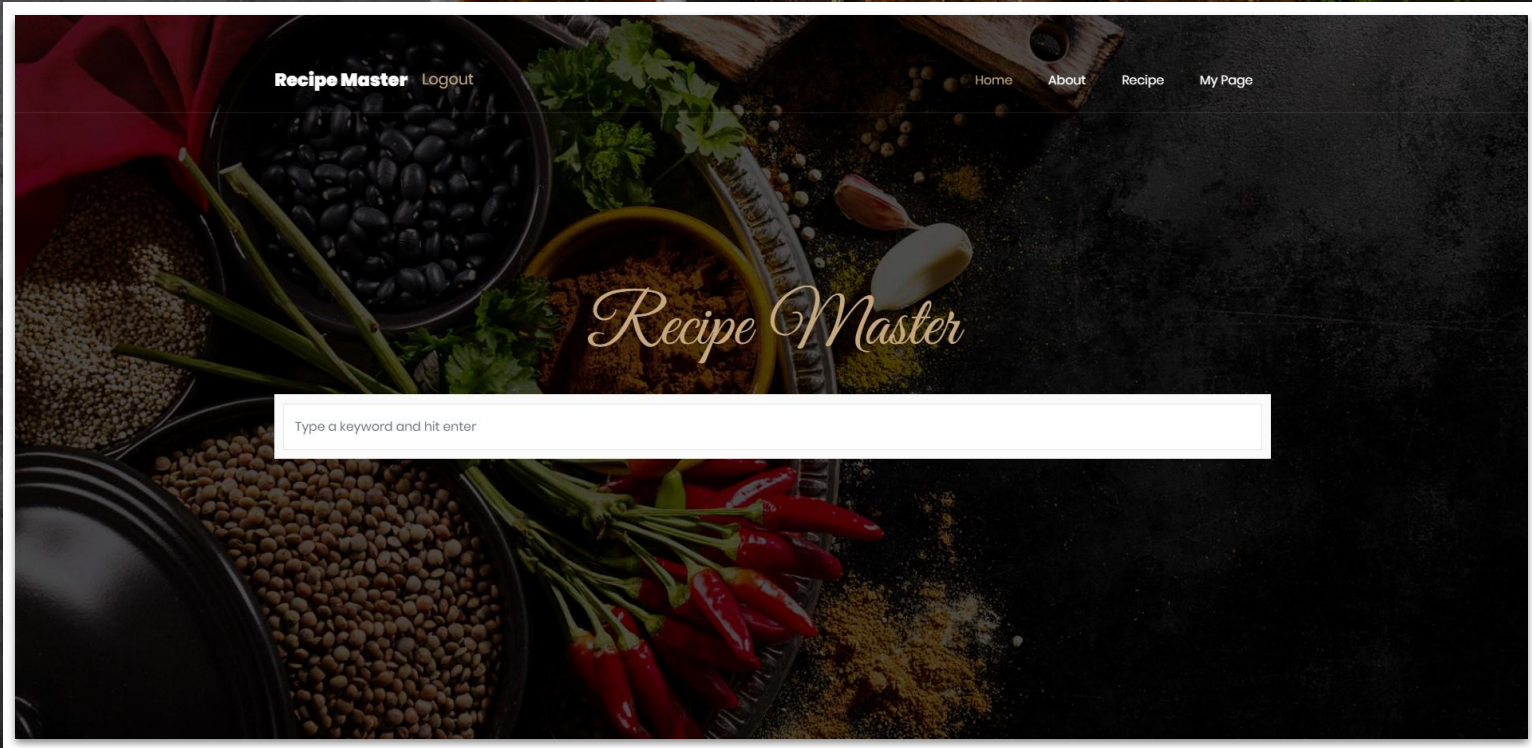


# Architecture



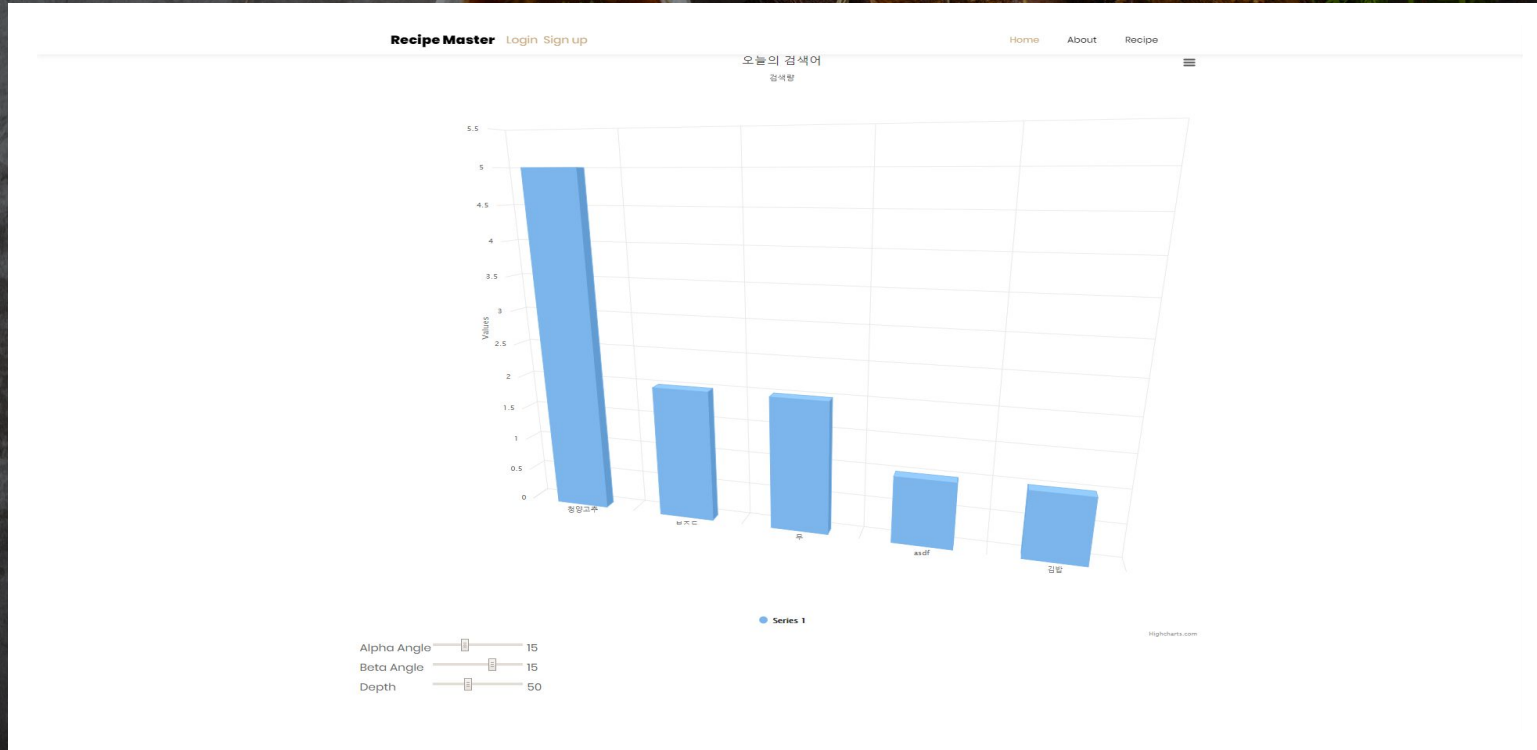


# Main Function





# User - Main





# User - Recipe

## Recipe

HOME > ABOUT >

레시피 등록



백종원 제육볶음 레  
시피 양념이 맛있어

레시피보기



두부베이컨말이

레시피보기



볶음김치 두부전 만  
들기 두부부침 만들  
기

레시피보기



연습

레시피보기



간단한 사과 요리:  
사과버터구이

레시피보기

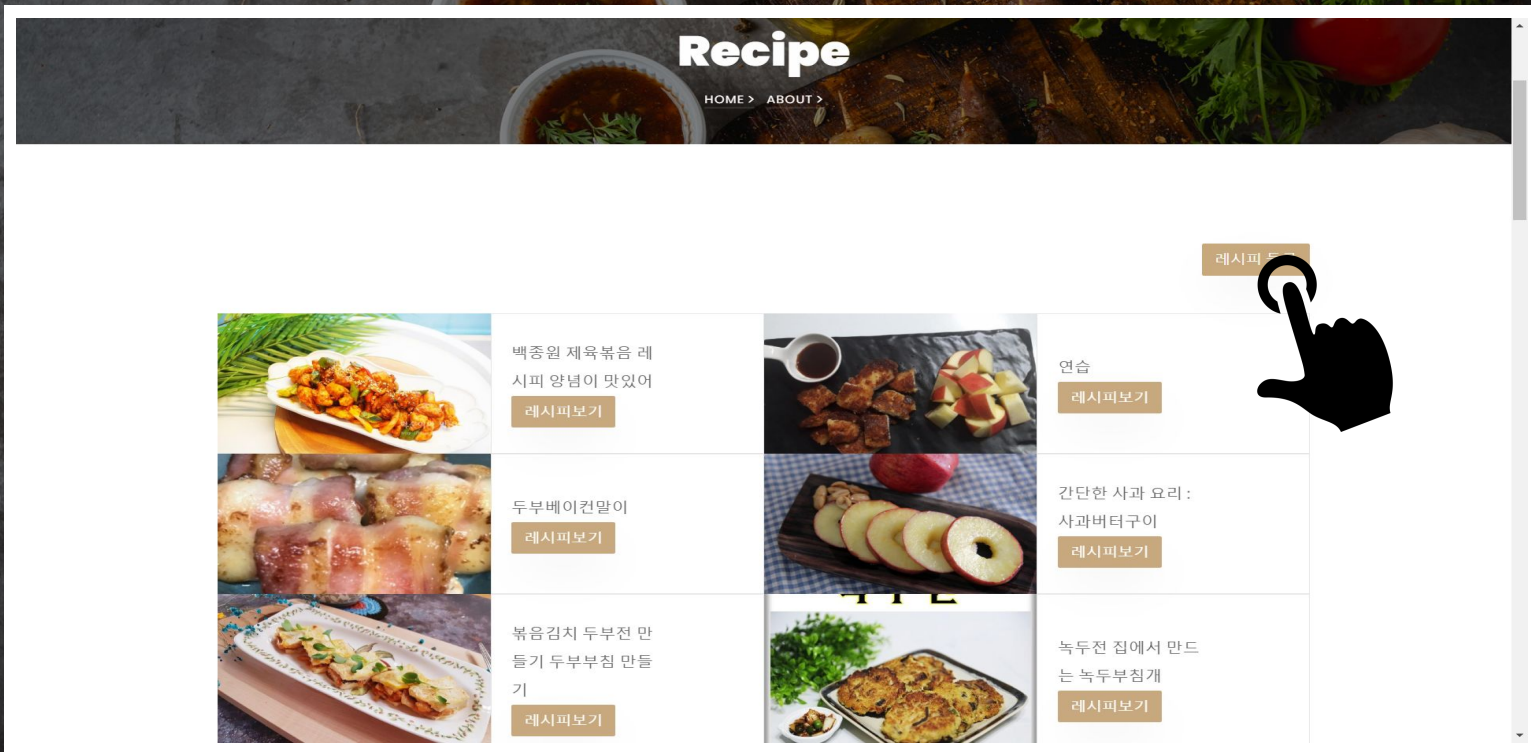


녹두전 집에서 만드  
는 녹두부침개

레시피보기



# User





# User

Recipe Master

[Home](#)

[About](#)

[Recipe](#)

자기만의 레시피를 등록해보세요!

Name \*

Email \*

Website

Message

Register Recipe



# User

## My Page

My info

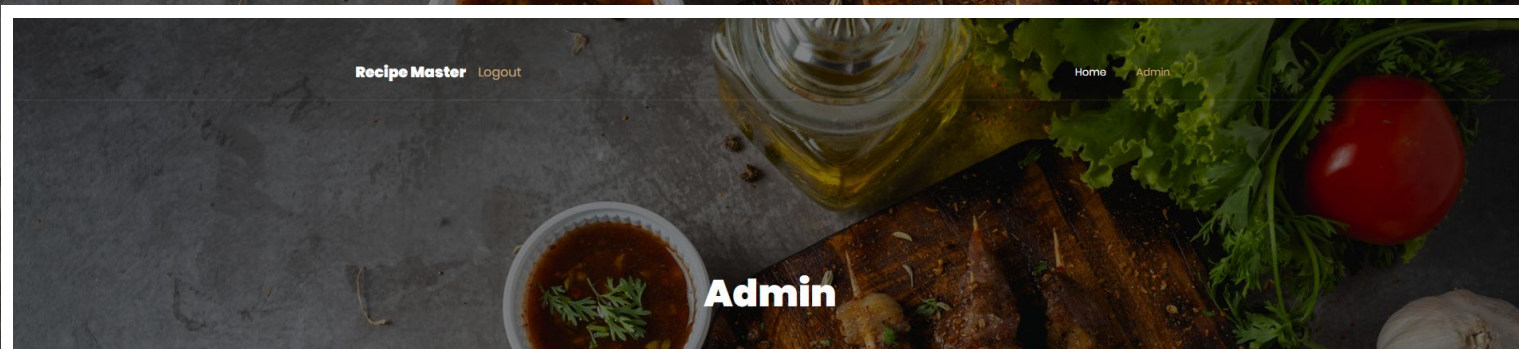
회원 ID : test

나이 : 1

Email : 123@mail.com



# Admin



회원 정보 회원 레시피

회원 ID : test1

나이 : 1

Email : abcd@acdmd.cnd

회원 ID : test2

나이 : 2

Email : bade@ndjdj.com



A still life composition of various spices and ingredients on a dark, textured surface. In the foreground, a silver tray holds several items: a bowl of black beans, a bowl of brown lentils, a small bowl of yellow powder, a bunch of red chili peppers, and some fresh green herbs. A wooden mortar and pestle is visible in the background. A red cloth is draped on the left side. The text "Next Steps" is overlaid in a large, serif font on the right side.

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# Next Steps



# Next Steps

1. 요리하는 유튜브브랑 연동
2. 레시피와 관련있는 음식점 지도로 보여주기
3. 레시피 즐겨찾기
4. 로그 기록 사용하여 유저 행동 분석





A still life composition of various spices and ingredients on a dark, textured surface. In the foreground, a silver tray holds several bowls: one with black beans, one with brown lentils, and one with a yellowish-brown powder. Fresh green herbs, including cilantro and green onions, are scattered around the bowls. A bunch of bright red chili peppers lies on the tray. To the left, a red cloth is partially visible. In the background, a wooden cutting board and a wooden spoon are present. Spices are also scattered on the dark surface, including a small pile of yellow powder and a few whole seeds. The overall lighting is dramatic, highlighting the textures of the ingredients.

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# Q&A



A still life composition of various spices and ingredients on a dark, textured surface. In the foreground, a silver tray holds several small bowls: one with black beans, one with brown lentils, and one with yellow powder. There are also fresh green herbs, red chili peppers, and a bunch of green onions. A wooden cutting board with a hole in the handle is visible in the background. A red cloth is draped on the left side. The text "Thank You!" is written in a large, elegant, gold-colored serif font on the right side of the image.

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Thank  
You!