
[Emotional Analysis Service Using Auto-Gpt]

First Build Development Specification

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Revision History

[illegible]

Table of Contents

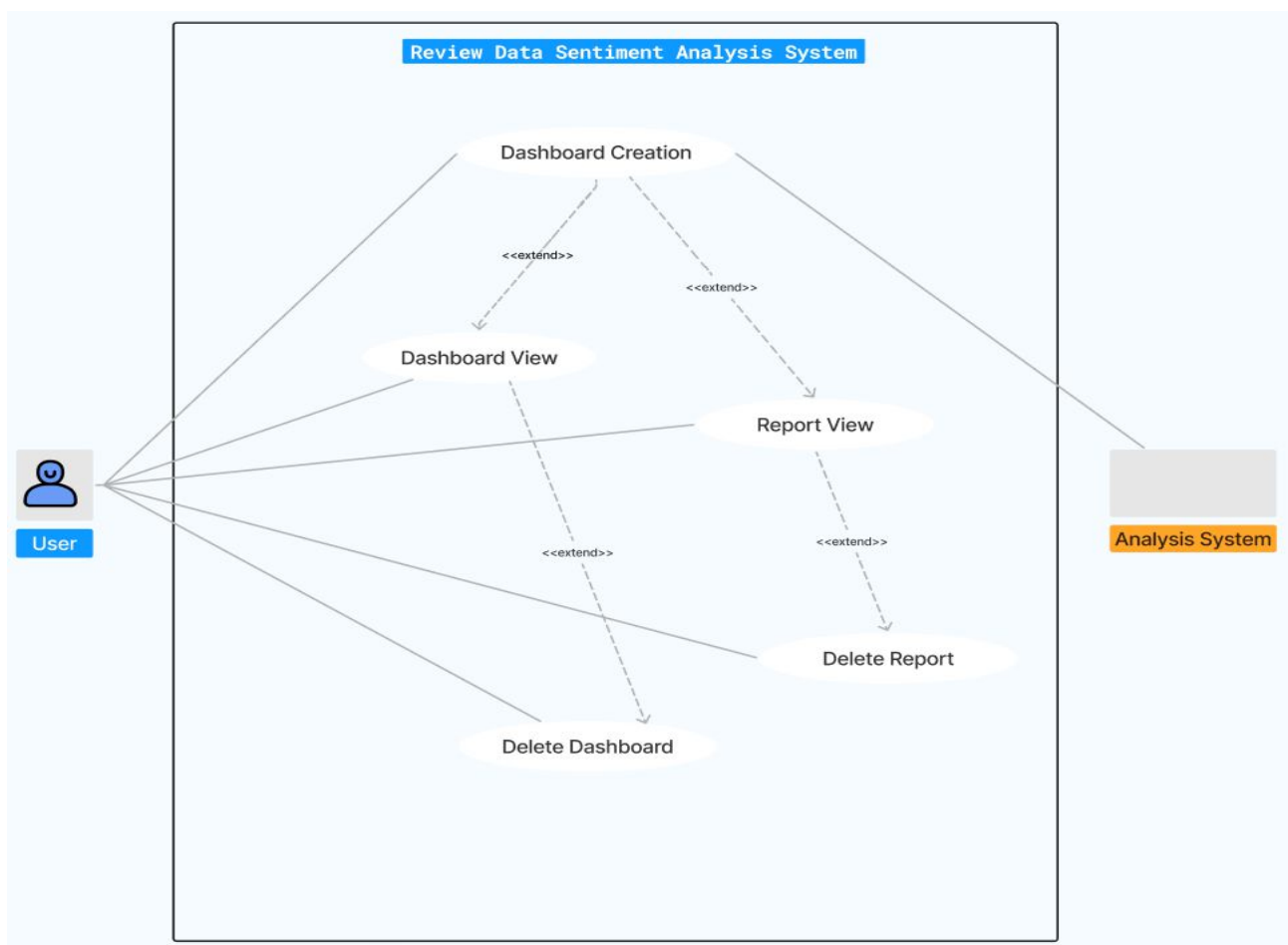
1. Development Overview-----	1
2. Analysis Specification -----	1
2.1 Use Case Diagram (for whole system) & Use Case Description (for the function) -----	1
2.2 Class Diagram (for the function)-----	3
3. Design Specification -----	3
3.1 Window navigation diagram-----	3
3.2 User Interface design (including the sequential order)-----	4
3.3 Database / File design-----	5
4. Test Data and Results List -----	5
5. Additional Implementation Notes -----	Not Applicable

1. Development Overview

Task No	Task Name	Responsible Person	Start Date	End Date	Remarks
F4-003	Keyword Extraction	Eunji Jo	10.30	11.06	Complete 1st Build
F4-005	Store Classification Keywords	Eunji Jo	10.30	11.06	Complete 1st Build
F1-001	Data Collection	Hyeongjin Lee	10.29	11.06	Complete 1st Build
F1-003	Filtering Keyword	Hyeongjin Lee	11.03	11.06	Complete 1st Build
F8-001	Frontend Interface	Huseong Yoon	10.30	11.06	Complete 1st Build

2. Analysis Specification

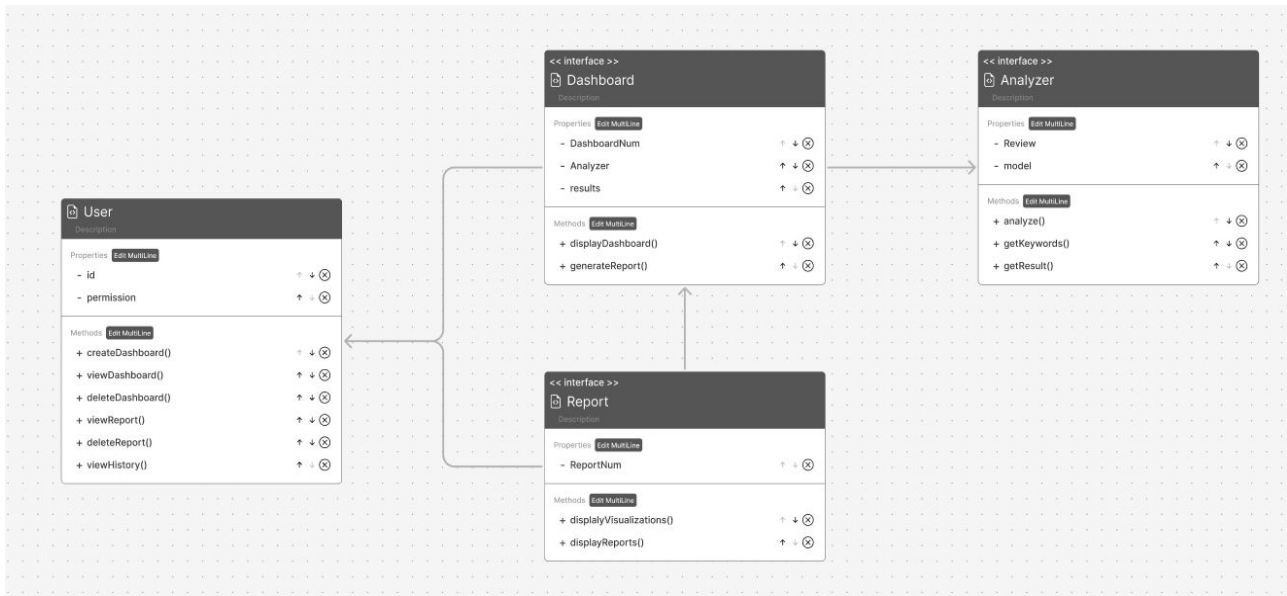
2.1 Use Case Diagram (for whole function)



2.1.1 Use Case: Dashboard Creation

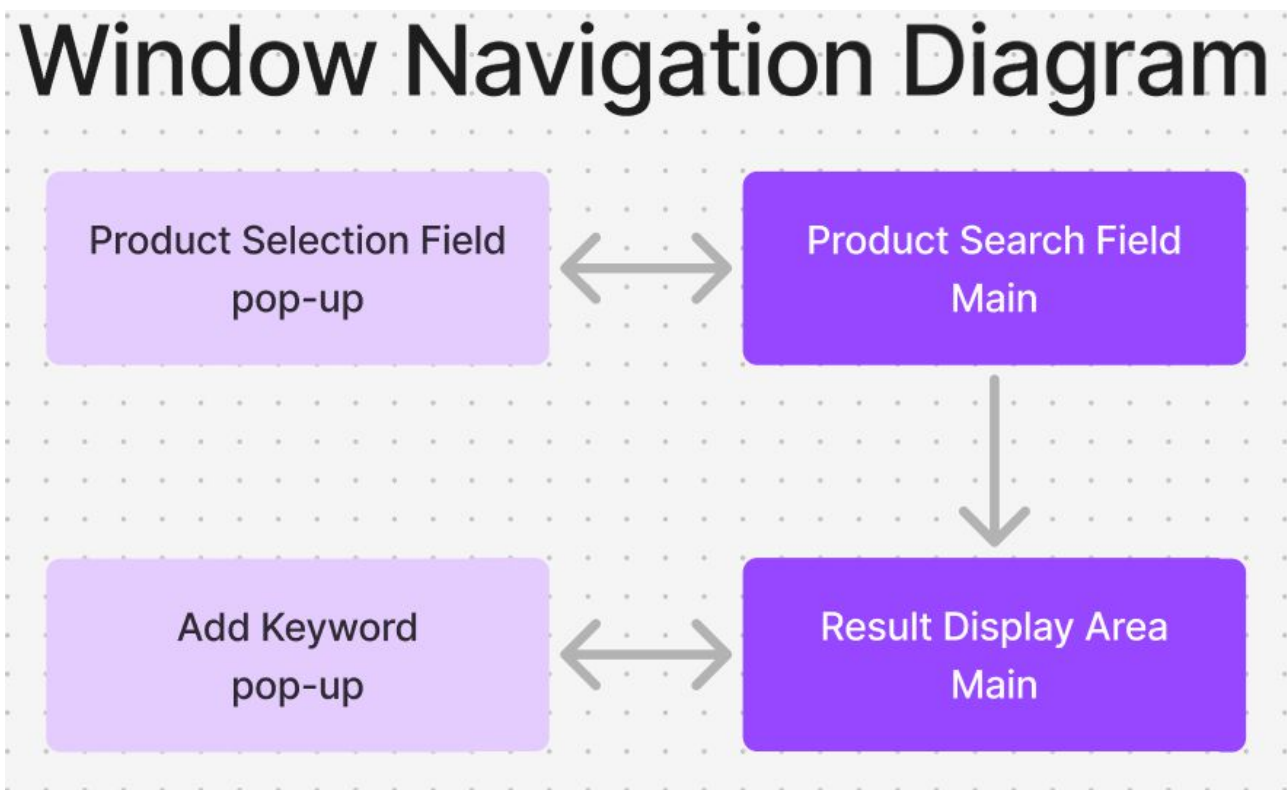
Use Case Name	Dashboard Creation	ID	UC-001	Importance Level	High
Primary Actor	User	Use Case Type		Detail, Essential	
Stakeholders	User : Can create a dashboard.				
Brief Description	The user selects their desired product and generates a review dashboard for that product.				
Trigger	It operates when the user searches for the product.				
Relationships	Association: User, Analysis System Extend: Dashboard View, Report View				
Normal Flow of Event (Normal Scenario)					
1. The user searches for the desired product in the product search bar.					
2. The user enters keywords related to the searched product.					
3. The user selects one of the product sorting options: by positive ratio or by negative ratio.					
4. If the user selects sorting by positive ratio, execute S1.					
5. If the user selects sorting by negative ratio, execute S2.					
6. Once the dashboard creation is complete, end the function.					
Sub_Flow					
S1: Positive Ratio Order					
The system displays the product screen in order of highest positive ratio for the specified product keywords.					
S2: Negative Ratio Order					
The system displays the product screen in order of highest negative ratio for the specified product keywords.					
Alternative / Exception Flow					
// If the searched product does not exist					
1a-1. The system displays a message to the user indicating that the product does not exist.					
1a-2. Proceed to step 1 (normal scenario).					

2.2 Class Diagram (for the function)



3. Design Specification

3.1 Window navigation diagram



3.2 User Interface design (including the sequential order)

Emotional Analysis Service Using Auto-Gpt

제품명

Value

검색 🔍



NBPDEF705W / MR530AD
(WHITE)
₩119,000



에어 포스 1 07 M - 화이트 /
CW2288-111
₩139,000



클래식 슬
랙:화이트
VN000E
₩69,000

선택한 제품

긍정 순 정렬 🔄

부정 순 정렬 🔄

+

가격

분석중

Positive

Negative

사이즈

63%

Positive

Negative

편안함

6%

Positive

Negative

저장 🔄

초기화 🔄

X

제품 선택

제품명

NBPDEF705W / MR530AD (WHITE)

NBPDEF705W / MR530AD (WHITE)

돌아가기

분석하러 가기

X

키워드 추가

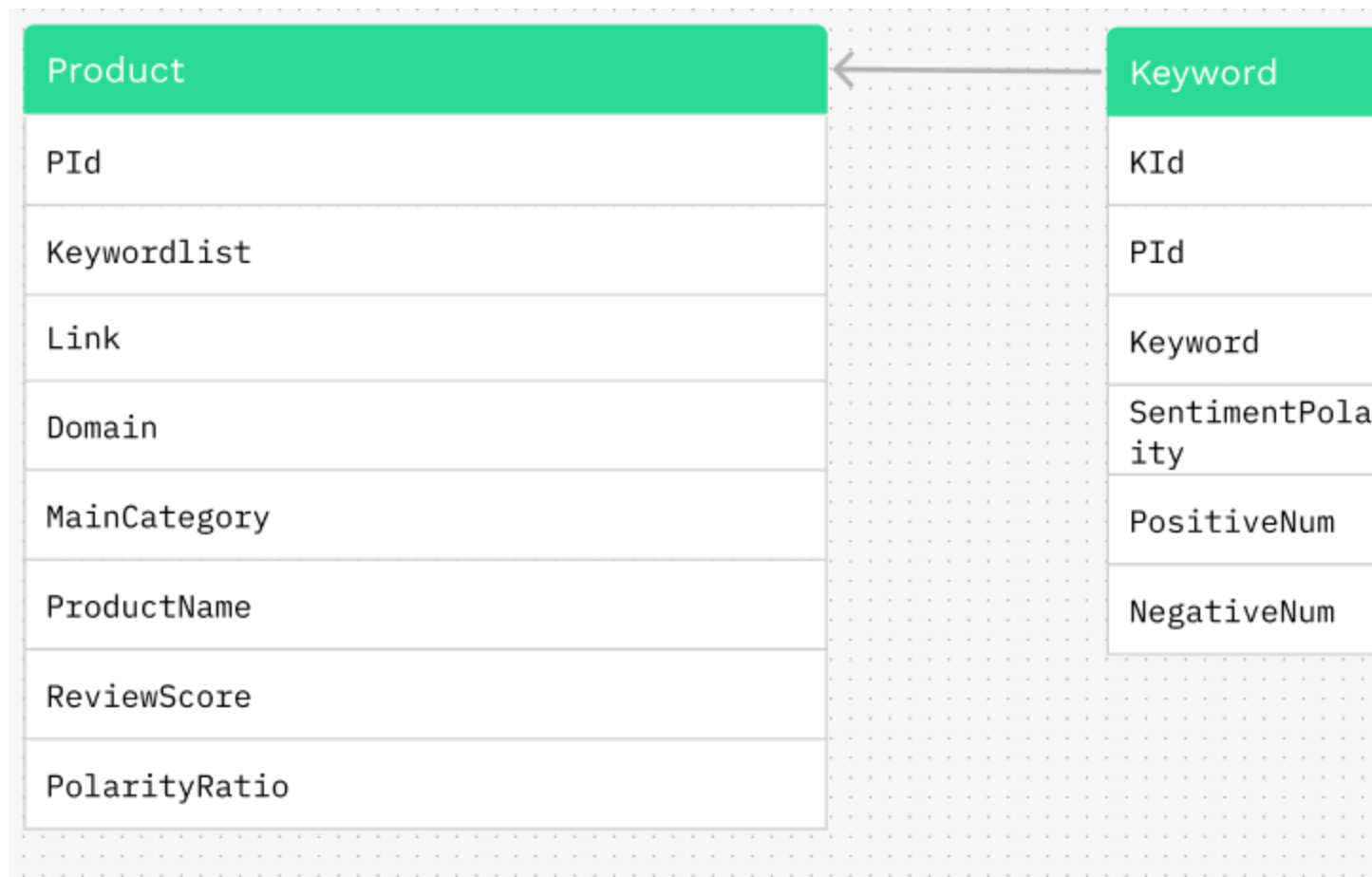
분석 하고 싶은 키워드를 입력하세요

가격

취소

분석

3.3 Database / File design



4. Test Data and Results List

Function: Sentiment Analysis

Test Id	Input Data	Scenarios	Test result
T001	Shoe	Exist Product	Product Screen Delivery
T002	Ant	Does not exist Product	Provide a screen where the product does not exist

5. Additional Implementation Notes

Not Applicable