



Provide News related to product price system

TEAM 3

강승룡
고성현
김지우
유민종
이병건
최현우

Contents

INDEX



1. Background
2. Project Overview
3. Functions
4. Benefits
5. Development

1/
Background

Background Motivation

Q 50 금값 더오를까요?

수중에있는 금을 판매하려고하는데 제가 쌀때사가지고 지금 가격이 꽤올라서 팔려고하는데
더오르면 좀더가지고있을생각인데 더오를까요?
오늘 코스피가 올라서 그런지 금값이 좀 떨어졌더라구여

제 목 : 요즘 감자가 비싼 이유가 뭔가요 ?

요즘 감자 | 조회수 : 4,236

작성일 : 2020-03-15 12:00:31

감자값 왜 이런거예요 ?

그리고 강원도 감자는 택배로 사면

엄청 싸다는데 ..그건 왜 그렇고

마트 감자는 왜이리 비싼건가요 ?

제가 모르는게 있나보네요

어제 감자 6알 샀더니 10000원 넘었어요



지금 그래픽카드 좀버해야한다는 말이있던데 이유가 뭐죠 24

분류: 질문
이름: 한불밤의꿈

등록일: 2018-12-26 11:57
조회수: 5892 / 추천수: 0

저도 글픽카드 알아보고있는데

저런애가를 틀어서옵..

새로운거 발표시점 그런건가요?



[고든 정의 TECH+] 그래픽 카드 왜 자꾸
비싸질까?

작성일: 2018.03.26 17:59 | 수정: 2018.03.26 17:59

+ - 5



금값 요동치는데...지금 사서 '존버'하면 오를까

[데일리안] 입력 2020.03.29 06:00 | 수정 2020.03.29 07:20 | 이충재 기자 (cj5128@empal.com)



코로나19 여파로 등락 거듭하다 안정 찾고 '완만한 상승'
경제위기 속 안전자산 '존재감'... "금시세 여전히 견고해"



Background

Motivation

Customer want to know

what happened to



what they've bought, they're buying, and they'll buy

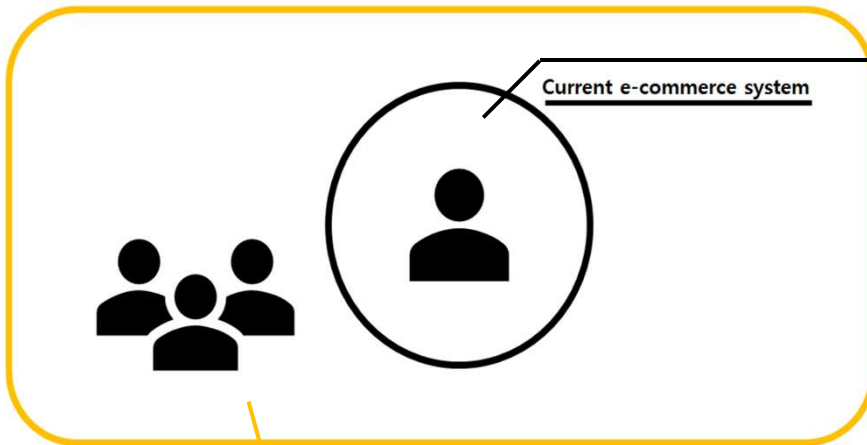


But, time is a limited source.

Background

Motivation

Our system



Existing system Limitation :

Current e-commerce system provides information for customer who already knows about the product.

Our Interest :

Who don't have information yet, but willing to consume after getting that information.

Background

Motivation

Should provide critical information with **three** important things.



Comprehensibility

from UI Design

Accessibility

from Merged information into a website

Reliability

from News as an information source

Background

System Target

The target is customers who..



- Interested in certain product categories
- Want to find new news such as industry trends
- Thinking about purchasing a product but are busy
- Set a budget and compare price trends

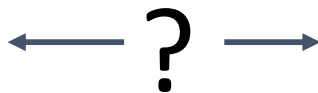
²/_{Project Overview}

Project Overview

Objective



News about somethings



Price fluctuation

Project Overview

Service



Notice price change



Search news about product



Subscribe news about item of interest

Project Overview

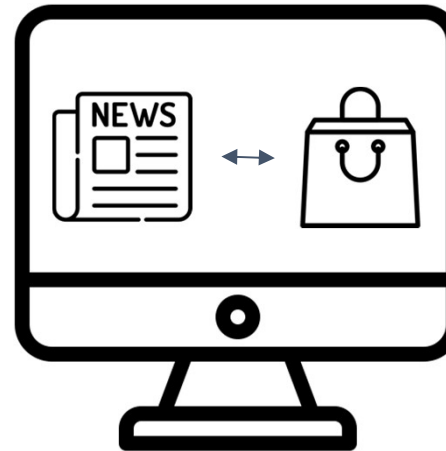
Provide News



Lots of News



Assess suitability



Provide information

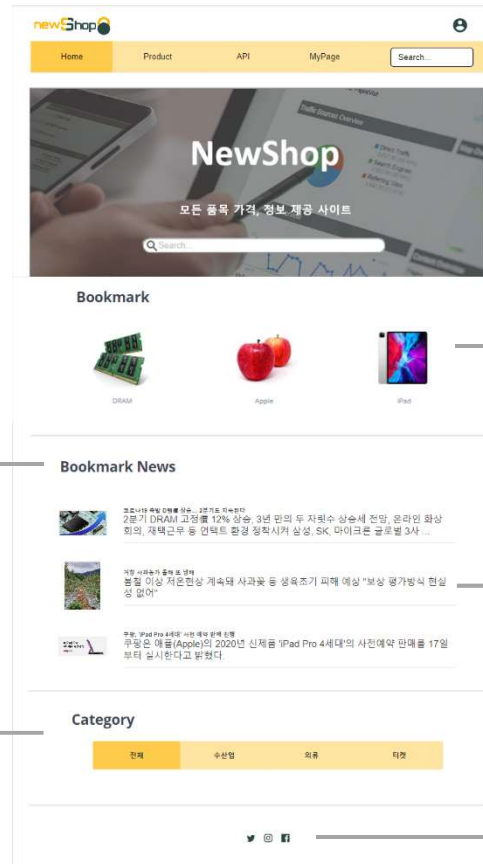
³/₁ Functions

Functions

Main Page

Hot news about bookmarked products
(redirection to original website)

Categories to find similar recommended product



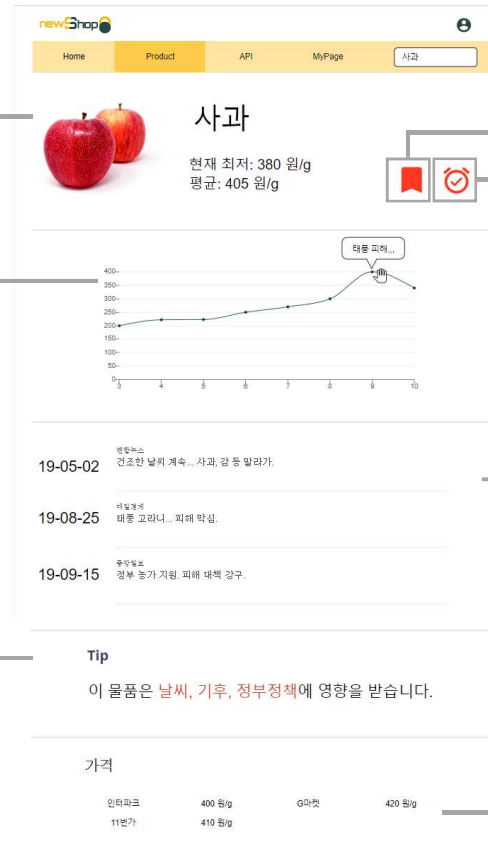
Registered bookmarks

Can share with SNS

Functions

Product Page

Product information



Bookmark

Price subscription
(Alarm can be customized)

Product price chart over time
If user mouse over point,
show related news briefly

Related news timeline
(redirection to original website)

Influence tendency information

Shopping site
(Redirection to original website)

Functions

API Page

User can get XLS file or JSON file
in selected range

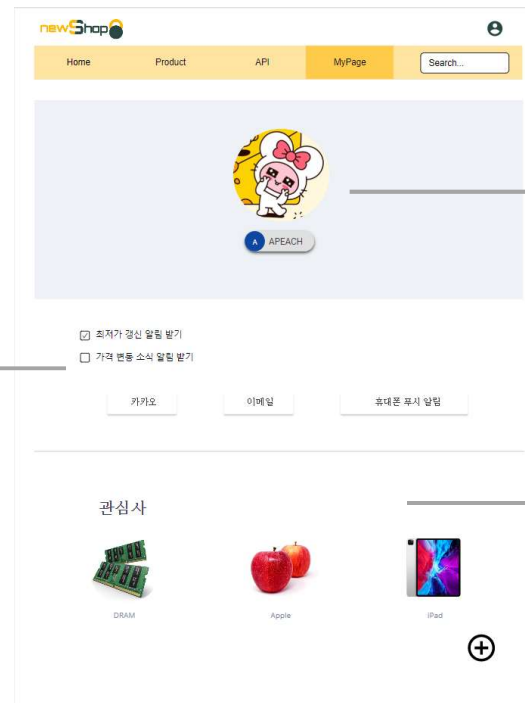


Price chart over time

Functions

My Page

User can set subscription message method



User profile

User can make up interesting products

4/ Benefits

Benefits

Convenient & Easy



Just One Click

Benefits

Reasonable

Meaningful Information



Why expensive ?

When cheap ?

5/
Development

Development

Front-end

Front-end

Web



HTML5

Fundamental for website



django

Web framework based on python
Fast development for convenient website

Design



Bootstrap

Simple and clear design

Development

Back-end

Back-end

Crawling

The logo for BeautifulSoup, featuring the word "Beautiful" in a black serif font and "Soup" in a black script font.

Beautifulsoup4

Web crawling open source library

Database



MySQL

Famous RDB management tool

ML



TensorFlow

End-to-end library for machine learning

Development Structure

Front-end

Back-end



Users



Design



Web framework

django

User Action
(sign in, search ...)



Internet

crawling

BeautifulSoup

NLP Machine Learning



TensorFlow

Data management



Development Plan

~ Week 10

Specification

Development

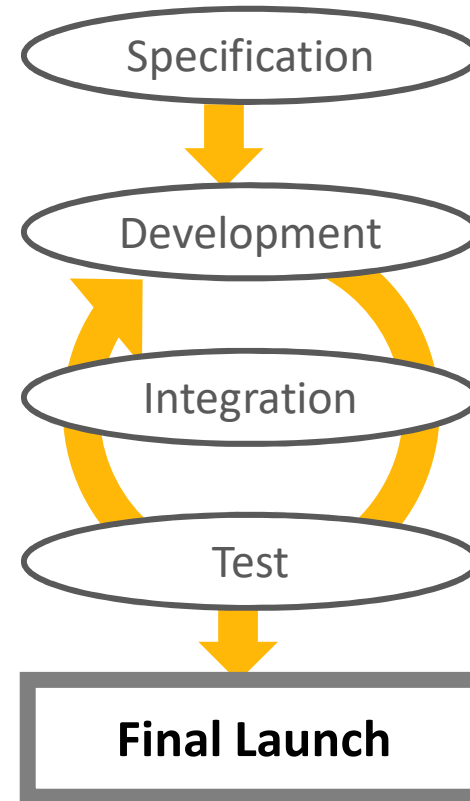
Integration

Test

~ Week 14

Week 15

Final Launch



Reference

Reference

<https://nownews.seoul.co.kr/news/newsView.php?id=20180826601004>

<https://www.dailian.co.kr/news/view/879443?sc=Naver>

<http://blog.naver.com/rimiy>

www.flaticon.com

<https://getbootstrap.com/>

<https://www.djangoproject.com/>

<https://www.mysql.com/>

<https://www.tensorflow.org/>

Thanks