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CopyAlert

"Monitoring and Protecting Your Valuable Contents"

Santipong Thaiprayoon, Kanokorn Trakultaweekoon and Alisa Kongthon

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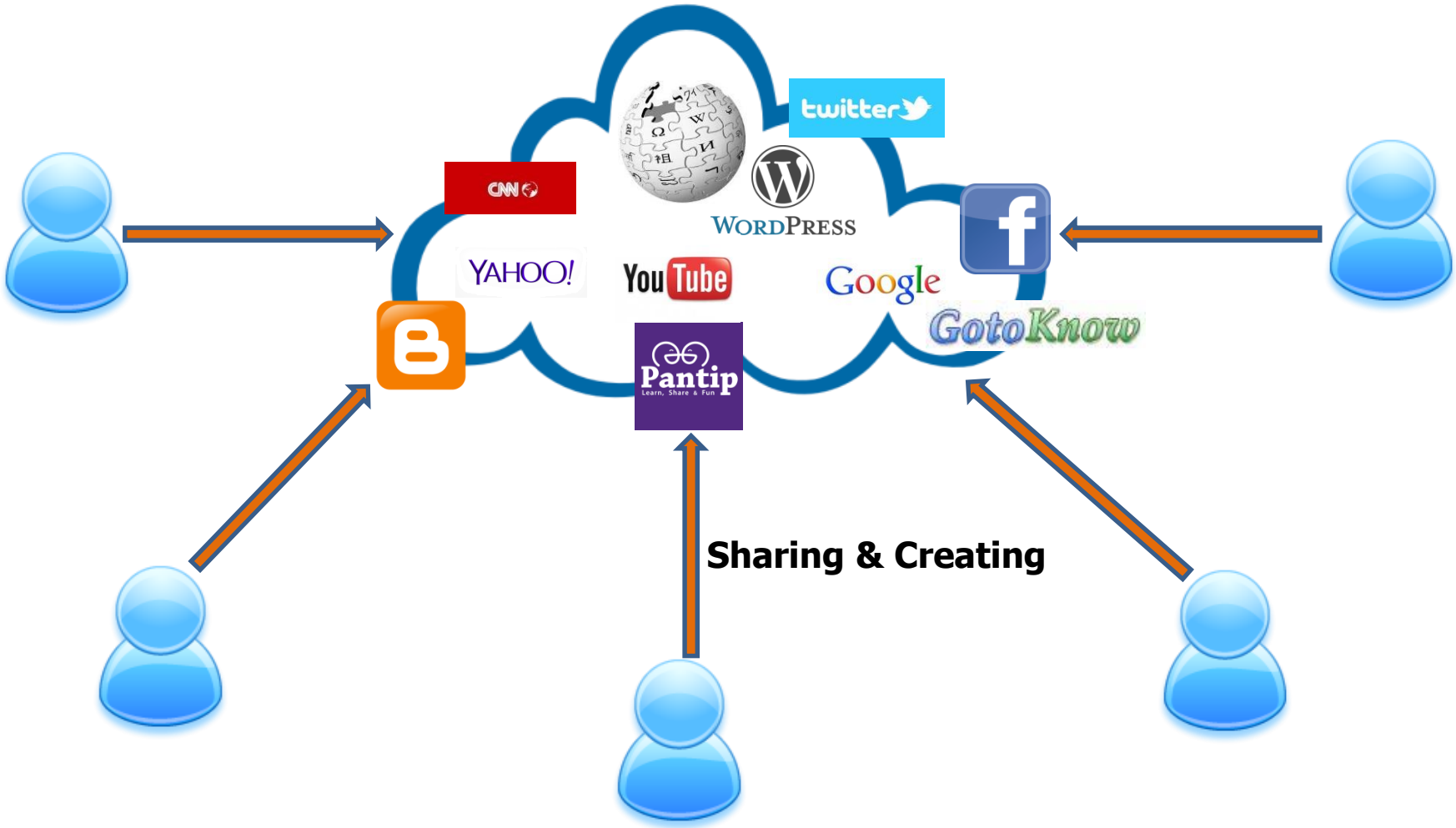
National Electronics and Computer Technology Center (NECTEC)
Thailand Science Park


twitter
CNN
WordPress
YAHOO!
YouTube
Google
GotoKnow
Pantip
Learn, Share & Fun
Sharing & Creating

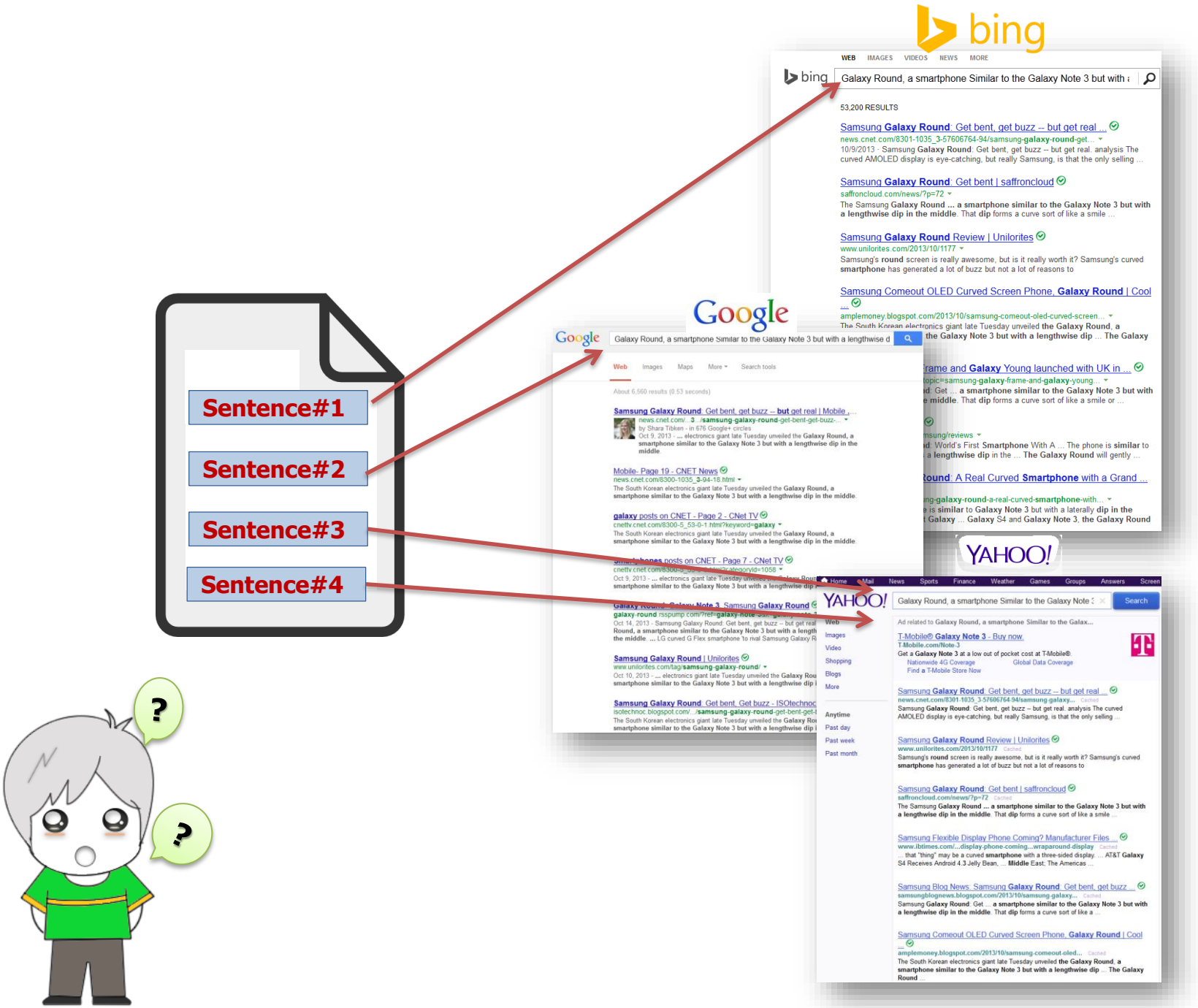
John's Diary

Bob's Diary

John's Diary

Web Traffic

Bob's Diary


bing
Google
YAHOO!
Sentence#1
Sentence#2
Sentence#3
Sentence#4
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Copy Alert
Become a Blogging Success and Get Your Story Heard
How to Find a Cheap Flight
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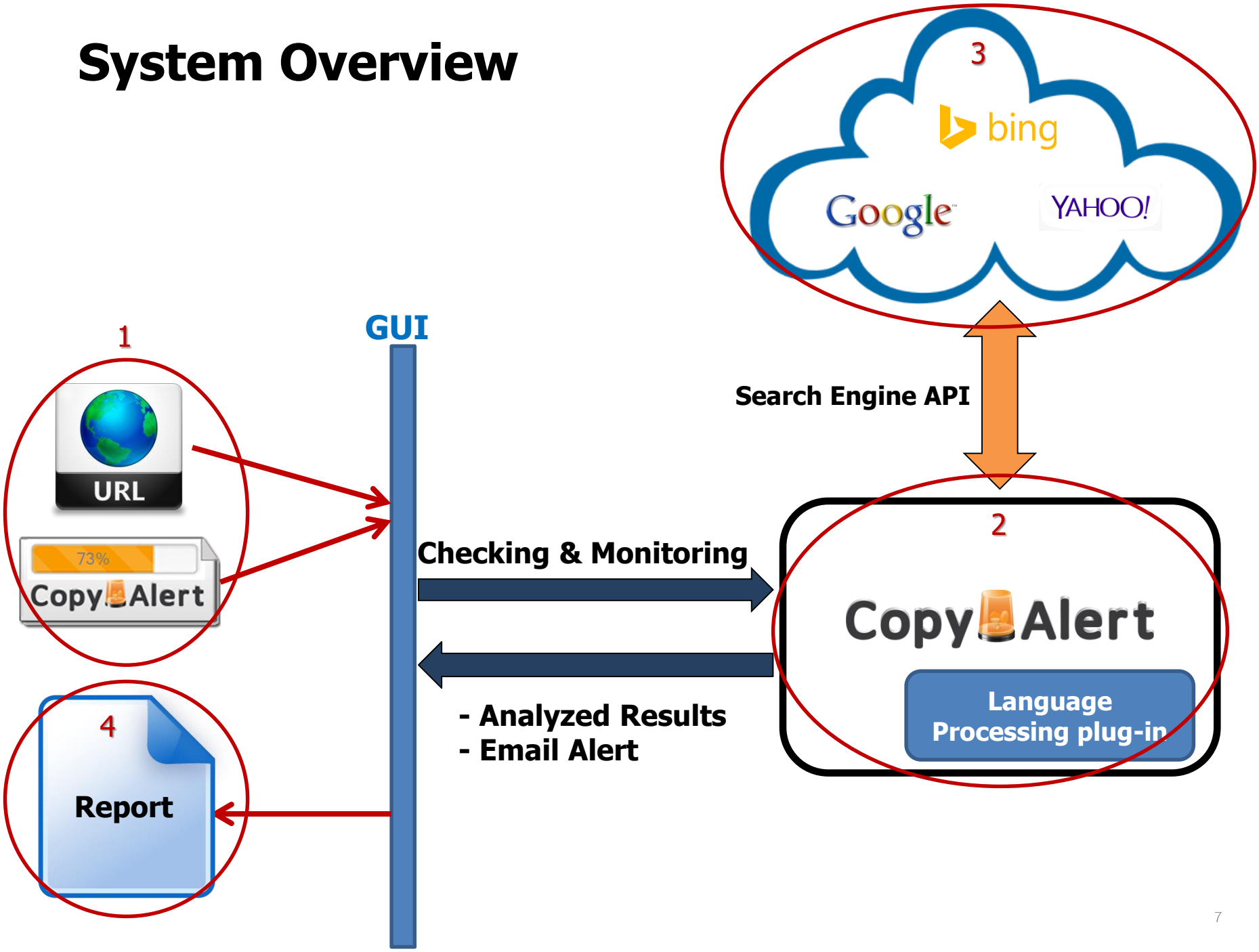
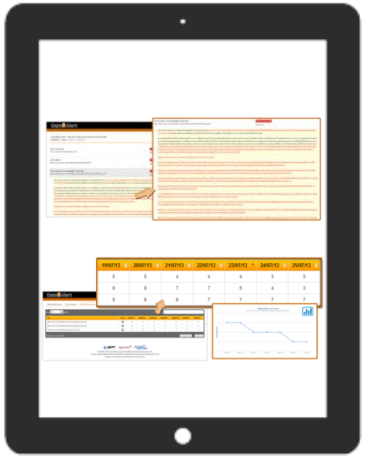
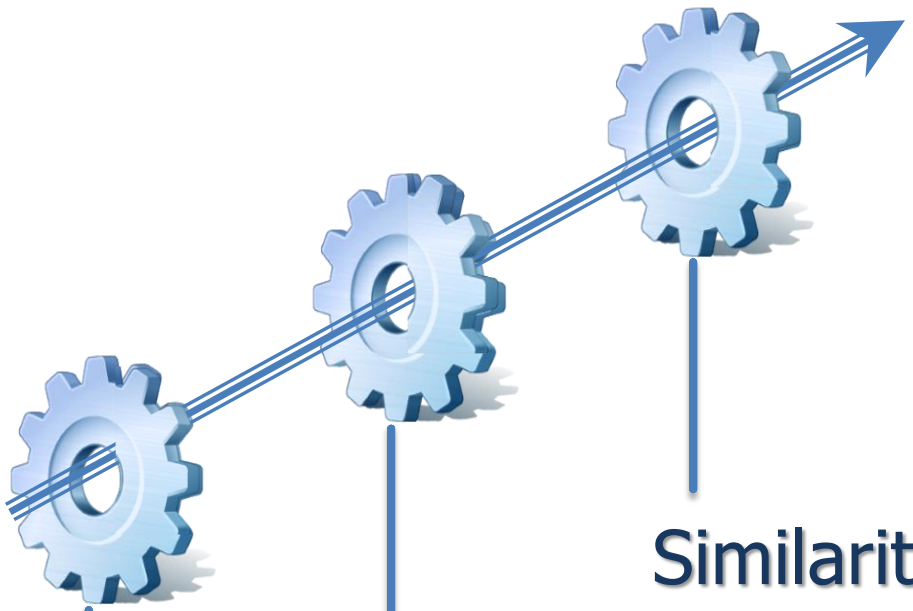
System Overview



Process of CopyAlert

Analyzed Results





Webpage

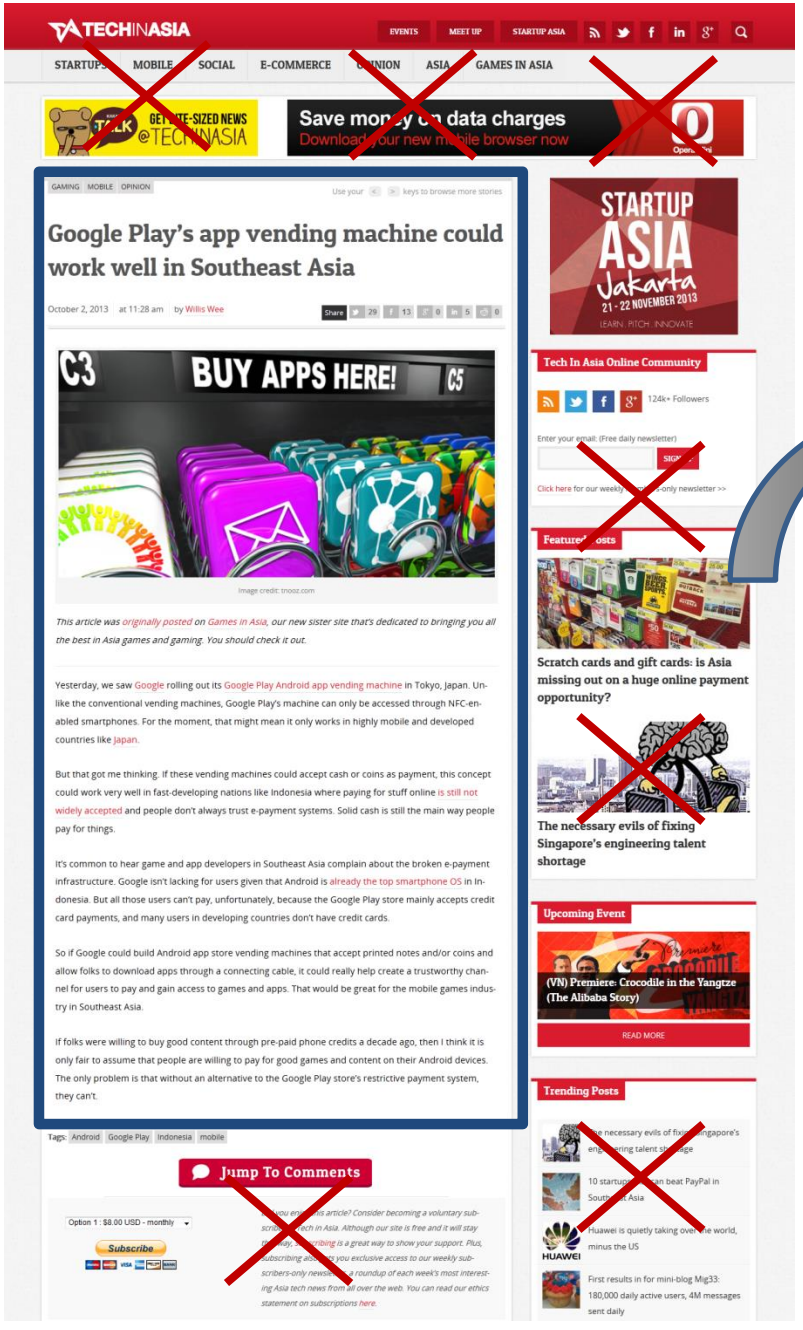
Similarity Calculation

Intelligent Sentence Selection

Based on TF-IDF

Web Scraping

Webpage



Scraping

Clean Context

Google Play's app vending machine could work well in Southeast Asia

This article was originally posted on Games in Asia, our new sister site that's dedicated to bringing you all the best in Asia games and gaming. You should check it out.

Yesterday, we saw Google rolling out its Google Play Android app vending machine in Tokyo, Japan. Unlike the conventional vending machines, Google Play's machine can only be accessed through NFC-enabled smartphones. For the moment, that might mean it only works in highly mobile and developed countries like Japan.

But that got me thinking. If these vending machines could accept cash or coins as payment, this concept could work very well in fast-developing nations like Indonesia where paying for stuff online is still not widely accepted and people don't always trust e-payment systems. Solid cash is still the main way people pay for things.

It's common to hear game and app developers in Southeast Asia complain about the broken e-payment infrastructure. Google isn't lacking for users given that Android is already the top smartphone OS in Indonesia. But all those users can't pay, unfortunately, because the Google Play store mainly accepts credit card payments, and many users in developing countries don't have credit cards.

So if Google could build Android app store vending machines that accept printed notes and/or coins and allow folks to download apps through a connecting cable, it could really help create a trustworthy channel for users to pay and gain access to games and apps. That would be great for the mobile games industry in Southeast Asia.

If folks were willing to buy good content through pre-paid phone credits a decade ago, then I think it is only fair to assume that people are willing to pay for good games and content on their Android devices. The only problem is that without an alternative to the Google Play store's restrictive payment system, they can't.

Intelligence Text Selection Algorithm

We apply the intelligent text selection algorithm to extract only informative sentence to reduce the number of request and reduce execution time.

- Term weighting calculation based on TF-IDF
- Removing highly similar and redundant sentences based on Jaccard Similarity.

Publication:
Thaiprayoon S., Haruechaiyasak C., "Web Plagiarism Detection Based on Search Result Snippets," Proceedings of the 28th International Technical Conference on Circuits/Systems, Computers and Communications, 2010.

Intelligence Text Selection Algorithm (cont'd)

Samsung Galaxy Round: Get bent, get buzz -- but get real

analysis The curved AMOLED display is eye-catching, but really Samsung, is that the only selling point? Good luck with that.

by Shara Tibken | October 9, 2013 1:40 PM PDT

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The Samsung Galaxy Round? Yeah, really curved.
(Credit: Samsung)

Samsung's curved smartphone has generated a lot of buzz but not a lot of reasons to buy it -- other than the novelty effect.

The South Korean electronics giant late Tuesday unveiled the Galaxy Round, a smartphone similar to the Galaxy Note 3 but with a lengthwise dip in the middle. That dip forms a curve sort of like a smile or a hotdog-bun shape, allowing the phone to fit the contours of a person's face or gently rock when placed on a flat surface. Samsung has released slightly curved phones in the past, such as the Galaxy Nexus, but this is the first device on the market to curve a "super flexible AMOLED" display, the company says. That doesn't mean the device can bend; rather, the Galaxy Round's curved display is fixed in place by the phone's rigid body.

Samsung has long followed the strategy of trying as many features and designs as possible to see what takes off. It also will include technology in devices simply for technology's sake, not because consumers really need those features. Samsung's top executives likely don't expect the Galaxy Round to be a huge seller -- hence its release only in Korea at this time -- but in order to attract more customers over the long run, they will have to articulate the benefits of such a design. So far, the only selling point for Samsung's curved smartphone appears to be that curve, not what that design actually allows users to do.

Related stories:

- CNET's take on the Samsung Galaxy Round
- Samsung Galaxy Round brings curve to smartphones
- Galaxy Gear: Samsung's big move to one-up Apple
- How Samsung cranked out the Galaxy Gear: The inside story

"Other than bragging rights, how does a curved screen change the user experience?" asked Current Analysis analyst Avi Greengart. "This seems to be more about Samsung's engineers being proud of themselves that they were able to do something they've been trying to do for a while. But Samsung hasn't answered the question of why it should be done in the first place."

The Galaxy Round release comes as Samsung faces a slowdown in its core smartphone market. Consumers are still buying mobile devices but not at the rapid clip of past quarters. That means companies like Samsung must find other ways to wow buyers and get them to fork over the money for new devices. Companies are releasing unique designs -- such as curved displays and buttons on the back of the phones (hello, LG G2) -- to dif... many of those tweaks are gimmicky at best.

The real test of flexibility

What may really catch consumers' attention -- and their dollars -- is a phone with a flexible device that actually could bend or roll up. It's not clear just what the first flexible devices may eventually be like, but that capability, unlike a slight curve, could really change the mobile device market. Samsung has shown concept devices with truly flexible screens, and it's undoubtedly prepping one for release at some point. But as CNET has predicted, consumers will just have to wait a bit longer. The Galaxy Round is not that sort of device.

Spark Browser

เวอร์ชันล่าสุดจาก Chromium Engine
ง่าย และ สะดวก เพื่อชีวิตอินเทอร์เน็ตที่ดีกว่า
ดาวน์โหลดฟรี
สำหรับ Windows 8/7/Vista/XP

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Light bulb buying guide

With strict new standards, the landscape of lighting is rapidly changing. Here's everything you'll need to know to keep up.

Check it out

Sentence#1

This is another factor that's hard to determine before the device hits the market.

Sentence#2

Samsung has show concept devices with truly flexible screens, and it's undoubtedly prepping one for release at some point.

Sentence#3

One feature, the "roll effect," lets users tilt the phone on its axis to trigger a glance screen with the time, date, missed call, and battery information.

Sentence#4

The South Korean electronics giant late Tuesday unveiled the Galaxy Round, a smartphone similar to the Galaxy Note 3 but with a lengthwise dip in the middle.

Sentence#5

The South Korean electronics giant late Tuesday unveiled the Galaxy Round, a smartphone similar to the Galaxy Note 3 but with a lengthwise dip in the middle.

Term weighting calculation based on TF-IDF
(Term frequency-inverse document frequency)

Sentence#1

This is another factor that's hard to determine before the device hits the market.

Information score 0.5

Sentence#2

Samsung has show concept devices with truly flexible screens, and it's undoubtedly prepping one for release at some point.

Information score 0.95

Sentence#3

One feature, the "roll effect," lets users tilt the phone on its axis to trigger a glance screen with the time, date, missed call, and battery information.

Information score 2.78

Sentence#4

The South Korean electronics giant late Tuesday unveiled the Galaxy Round, a smartphone similar to the Galaxy Note 3 but with a lengthwise dip in the middle.

Information score 1.89

Sentence#5

The South Korean electronics giant has launched the Galaxy Round, a variant of the Galaxy Note smartphone but with a lengthwise dip in the middle.

Information score 1.56

Removing highly similar and redundant sentences

Sentence#1

This is another factor that's hard to determine before the device hits the market.

Information score 0.1

Sentence#2

Samsung has show concept devices with truly flexible screens, and it’s undoubtedly prepping one for release at some point.

Similarity score 0.2

Sentence#3

One feature, the "roll effect," lets users tilt the phone on its axis to trigger a glance screen with the time, date, missed call, and battery information.

Similarity score 0.1

Sentence#4

The South Korean electronics giant late Tuesday unveiled the Galaxy Round, a smartphone similar to the Galaxy Note 3 but with a lengthwise dip in the middle.

Similarity score 1.0

Sentence#5

The South Korean electronics giant has launched the Galaxy Round, a variant of the Galaxy Note smartphone but with a lengthwise dip in the middle.

Similarity score 1.0

Features

Inserting Small Script

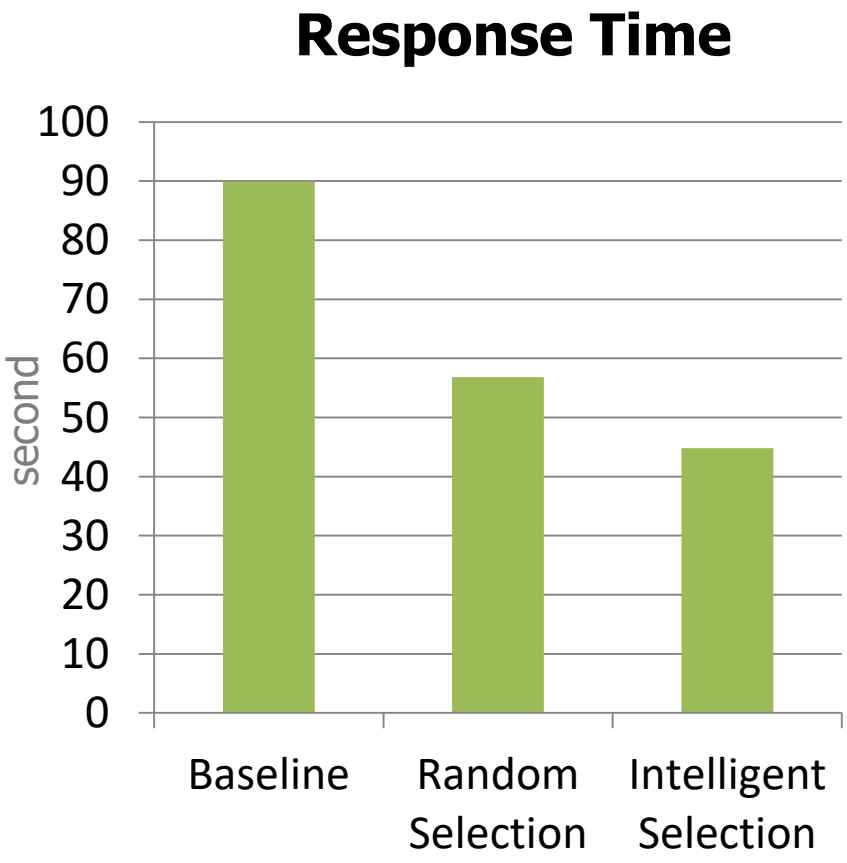
Email Alert

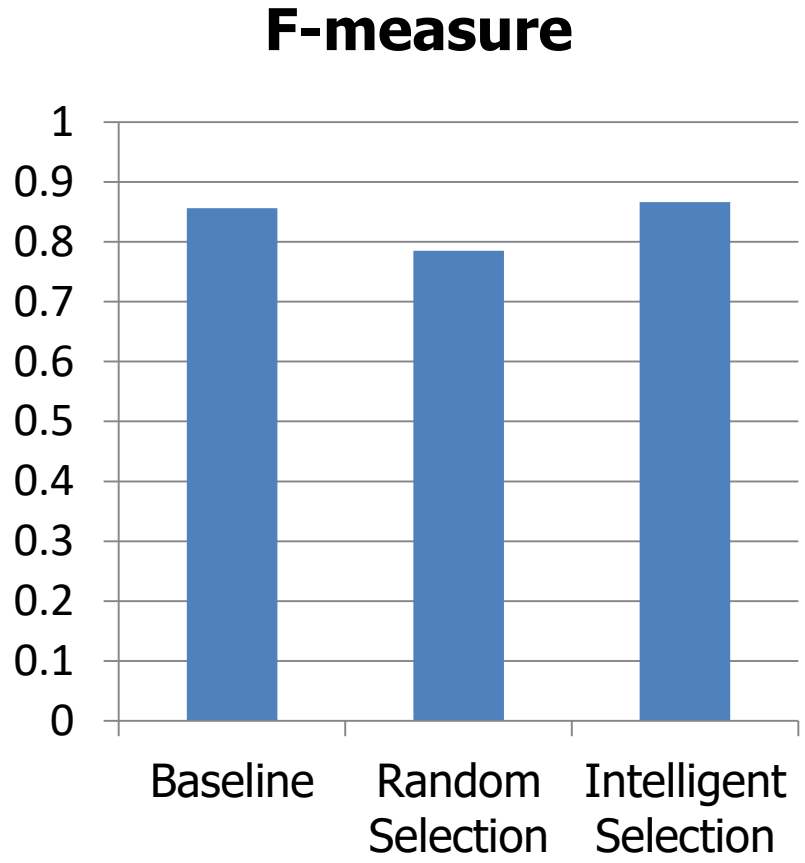
Thai and English Languages

Monitoring Frequency

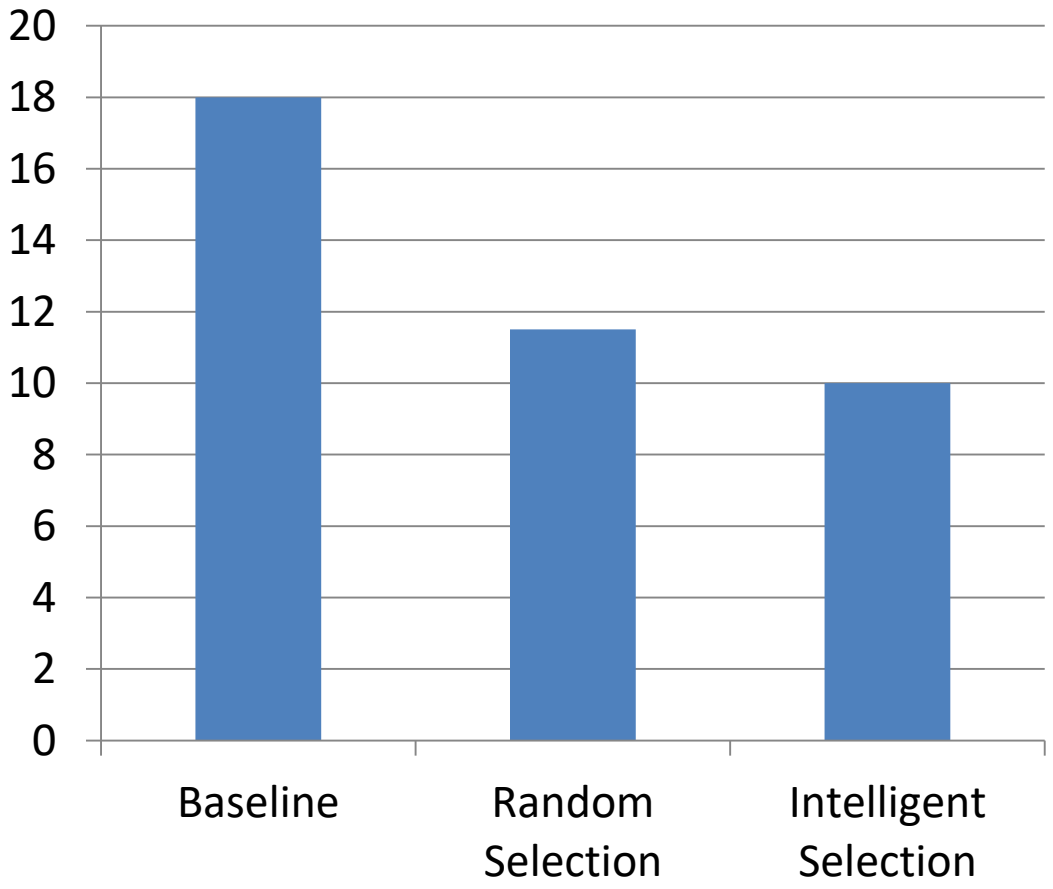
Report Detail Similarity

Performance Evaluation





Cost Estimation



*Cost estimation based on Google Search API:
$5 per 1000 search queries

Comparison of Web Plagiarism Detection Tools

Products/Features	CopyAlert	Copyscape	CopyGator	PlagSpotter
Thai-English Language Support	✓	✗	✗	✗
Automatically Monitor Pages	✓	✓	✓	✓
Send Notifications by Email	✓	✓	✗	✓
Embeddable Tag	✓	✗	✓	✗
Document Highlight and Similarity Score	✓	✓	✗	✓
Intelligence Text Selection	✓	--	--	--

Strength

- Support Thai language
- Support segmented and unsegmented languages
- Apply the intelligent text selection algorithm

Opportunity

- CopyAlert is based on our ongoing R&D project named CopyCat which has been successfully applied to detect plagiarism
- Potential customers of CopyAlert include copyrighted content owners
- CopyAlert helps build public awareness of copyright protection and plagiarism problem

Commercial Opportunity

CopyAlert
Standard

- ✓ Check your pages every month
- ✓ Alert email
- ✓ Similar text highlight
- ✓ Similarity score
- ✓ Overall statistics

Potential customer
- Freelance writer
- Blogger

CopyAlert
Professional

- ✓ Check your whole site
- ✓ Customize monitoring frequency
- ✓ Alert email
- ✓ Similar text highlight
- ✓ Similarity score
- ✓ Overall statistics

Potential customer
- Publishing companies
- News provider

CopyAlert
API

- ✓ Customize request
- ✓ Return output results in JSON, XML or HTML formats.

Potential customer
- Software integrator

Thank you for your attention

Questions / Comments ?