

Dated: 12-March-2018

(MashUp)

# NEWS Assembler

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## Assignment 2

### Class Presentation

## CS6852 : Theory and Applications of Ontologies

Macharla Venkata Ravi Teja	Cs17m022
Amar Vashishth	Cs17m052
Vivek Kumar Agrawal	Cs17m049
Manas Ranjan Sahoo	Cs17m024
Dheeraj Kumar	Cs17m014
Sidharth A P	Cs17m045
Naveen Kumar Garika	Cs17m029



Department of Computer Science  
and Engineering



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# Main Page

article 1

article 2

article 3

⋮

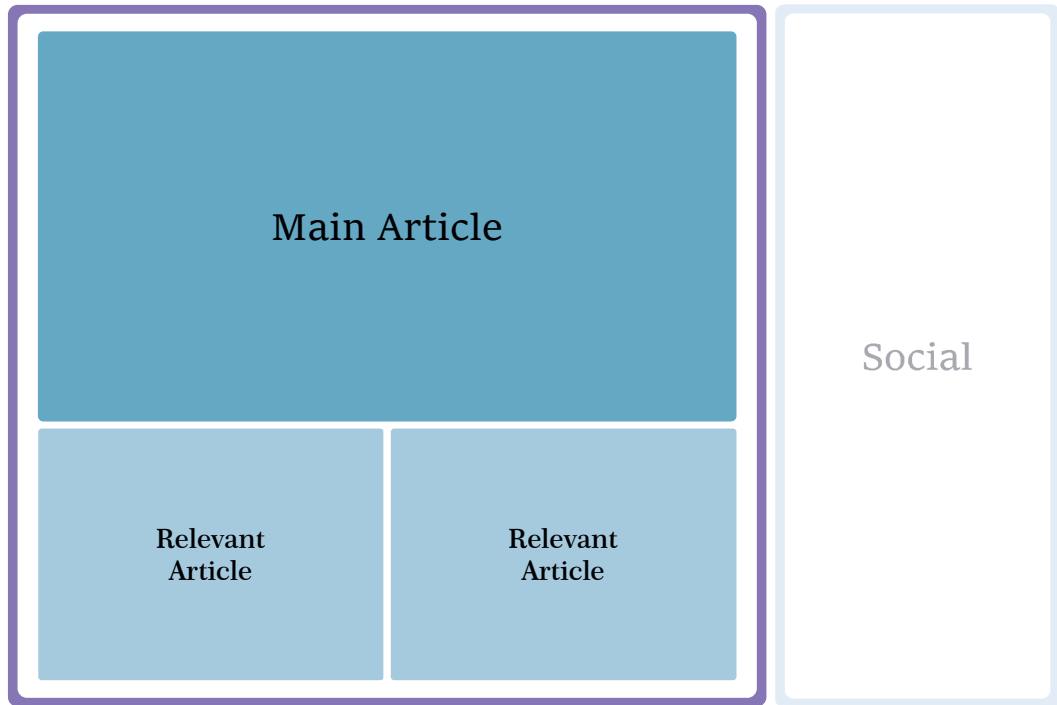
article  $n$

## Second Page

Articles

Social

# Articles



# Social

Main Article

Relevant  
Article

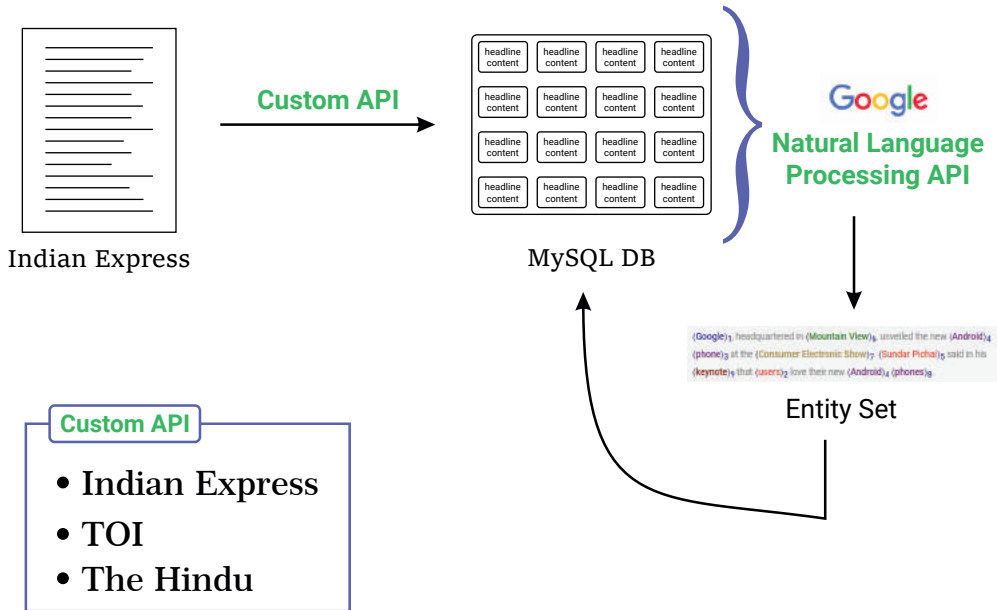
Relevant  
Article



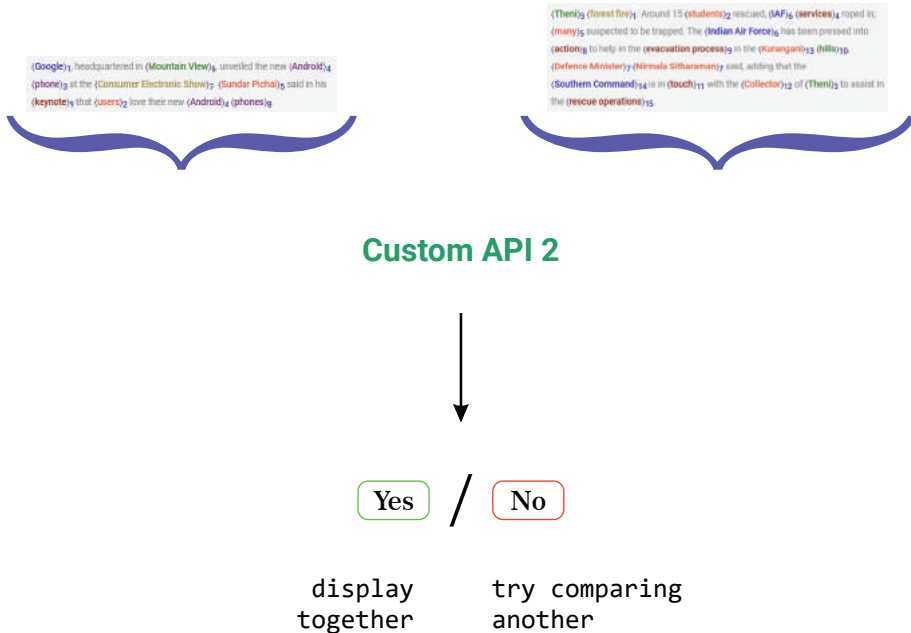
# Complete Picture



# Mashing Up



# Computing Relevance





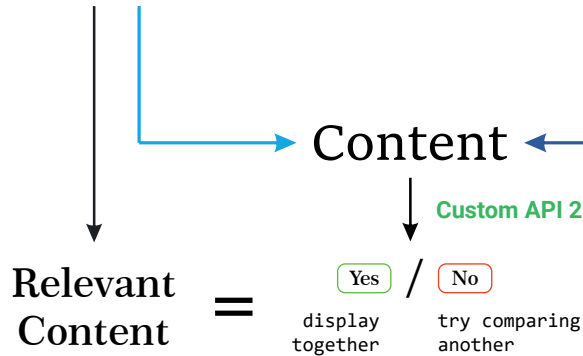
# Social APIs



Twitter Search API



Facebook Graph API



Dated: 22-April-2018

# Query using SPARQL

## Assignment 3

### Class Presentation

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**Query:** Find out what it's made of?



\* Sweet Dish Popular in Northern India

# **Answer:** Ingredients of Gulab Jamun



Saffron (Kesar)



Khoya

# SPARQL Endpoints



Finds query dish and  
it's ingredients images

+



Describes an ingredient

# HTML Output

	contents	property	meaning	image
1	wd:Q25434	rdfs:label	"Saffron"@en-x-simple	<http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg>
2	wd:Q25434	rdfs:label	"saffron"@en	<http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg>
3	wd:Q25434	schema:description	"spice and colouring agent derived from the flower of Crocus sativus, commonly known as the saffron crocus"@en	<http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg>
4	wd:Q25434	skos:altLabel	"Kesar"@en	<http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg>
5	wd:Q25434	skos:altLabel	"Zafran"@en	<http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg>
6	wd:Q25434	skos:altLabel	"زعفران"@en	<http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg>
7	wd:Q9017517	rdfs:label	"Khoa"@en	<http://commons.wikimedia.org/wiki/Special:FilePath/Khoya.JPG>