Dated: 12-March-2018 (MashUp)

### **NEWS** Assembler

#### Assignment 2

#### **Class Presentation**

### CS6852: Theory and Applications of Ontologies

| Macharla Venkata Ravi Teja<br>Amar Vashishth | Cs17m022<br>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

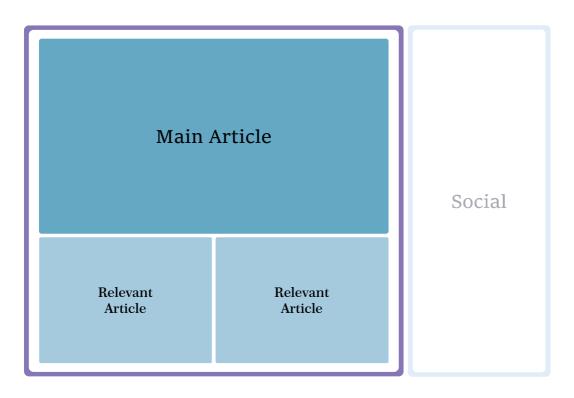
•

article *n* 

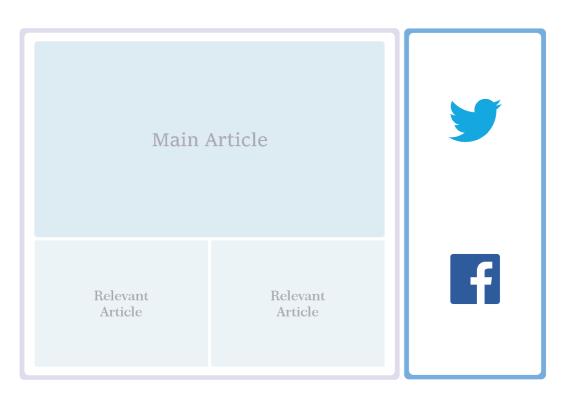
## **Second Page**

Articles Social

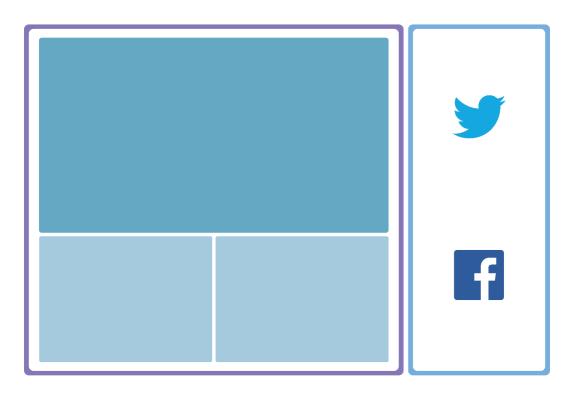
### **Articles**



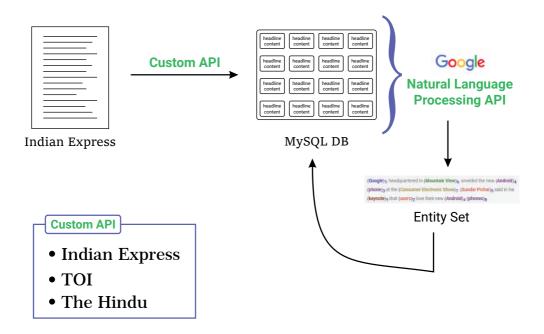
### **Social**



# **Complete Picture**



## **Mashing Up**

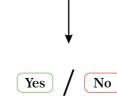


## **Computing Relevance**

(Qoogle), headquartered in (Mountain View), unwelled the new (Android)<sub>4</sub> (phone)<sub>3</sub> at the (Consumer Electronic Show)<sub>7</sub> (Sundar Pichal)<sub>5</sub> sold in his (keynote)<sub>9</sub> that (userd)<sub>2</sub> love their new (Android)<sub>4</sub> (phones)<sub>8</sub>

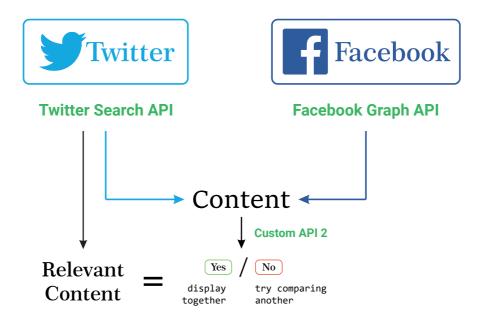
(Thenly (heast fire), Around 15 (students); rescard, (AF)s (services); reped in (mary); suspected to be trapped. The (indian AF Forcin), has been perseed into section; to help in the (evacuation processes) in the (oranization); a (Million). (Orlines Minister); of terminal stitumentarity; suid, adding that the (Southern Command); a in it (buch); it with the (Collector); of (Thenl); to assist in the (recover operations); a

#### **Custom API 2**



display try comparing together another

### **Social APIs**



Dated: 22-April-2018



#### Assignment 3

#### **Class Presentation**

### CS6852: Theory and Applications of Ontologies

| Macharla Venkata Ravi Teja | Cs17m022 |
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| Dheeraj Kumar              | Cs17m014 |
| Sidharth A P               | Cs17m045 |
| Naveen Kumar Garika        | Cs17m029 |
|                            |          |



Department of Computer Science and Engineering



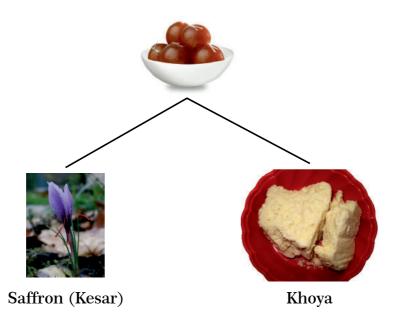
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## **Query:** Find out what it's made of?



<sup>\*</sup> Sweet Dish Popular in Northern India

# Answer: Ingredients of Gulab Jamun



## **SPARQL** Endpoints







Finds query dish and it's ingredients images

Describes an ingredient

# **HTML Output**

|   | contents    | property <del>♦</del> | meaning  | image   ⊕   |
|---|-------------|-----------------------|--|---|
| 1 | wd:Q25434   | rdfs:label            | "Saffron"@en-x-simple  | <a href="http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg">http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg&gt;</a> |
| 2 | wd:Q25434   | rdfs:label            | "saffron"@en   | <a href="http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg">http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg&gt;</a> |
| 3 | wd:Q25434   | schema:description    | "spice and colouring agent derived from t<br>he flower of Crocus sativus, commonly k<br>nown as the saffron crocus"@en | <a href="http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg">http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg&gt;</a> |
| 4 | wd:Q25434   | skos:altLabel         | "Kesar"@en   | <a href="http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg">http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg</a>     |
| 5 | wd:Q25434   | skos:altLabel         | "Zafran"@en  | <a href="http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg">http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg&gt;</a> |
| e | wd:Q25434   | skos:altLabel         | en@"زعفران"  | <a href="http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg">http://commons.wikimedia.org/wiki/Special:FilePath/Saffran%20crocus%20sativus%20moist.jpg&gt;</a> |
| 7 | wd:Q9017517 | rdfs:label            | "Khoa"@en  | <a href="http://commons.wikimedia.org/wiki/Special:FilePath/Khoya.JPG">http://commons.wikimedia.org/wiki/Special:FilePath/Khoya.JPG</a>   |