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# News Anchor

News Aggregation and Content Curation

MSc Project Presentation 2015

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# Contents

- What are news aggregators and what is content curation?
- What services are already available?
- Requirements
- Project development
- Achievements and conclusions

# News aggregation and content curation

**BBC** News Sport More

## NEWS

Sections

Top Stories Most Read

### Many feared dead in Libya sinkings



Hundreds of people are feared dead after two boats carrying up to 500 migrants capsized off the Libyan city of Zuwara.

2 hours ago Africa

Why is EU struggling with migrants  
Who are the Med's migrants?

**UK jihadist 'killed in drone strike'**

**THE TIMES** 400,000

News Digital plan to save ancient sites from Isis



Expenses rise MPs are awarded peerages

More than a dozen former MPs have been awarded peerages for their services to the country.

Mat tells officers to sign 'gagging orders'

More than a dozen former MPs have been awarded peerages for their services to the country.

More car less cost

Find out more on CEEKO

Labour leadership / Jeremy Corbyn: membership will determine policy, not me

Leadership hustings / The Guardian panel's verdict

Video / What is the Labour party for? The candidates answer

The hustings / Candidates clash on economy, welfare and migration

Scores dead after boat full of refugees sinks off Libya

**theguardian**

UK world politics sport football all

## headlines



**Labour leadership / Jeremy Corbyn: membership will determine policy, not me**

**Leadership hustings / The Guardian panel's verdict**

**Video / What is the Labour party for? The candidates answer**

**The hustings / Candidates clash on economy, welfare and migration**

**Scores dead after boat full of refugees sinks off Libya**

**The Telegraph**

NEWS



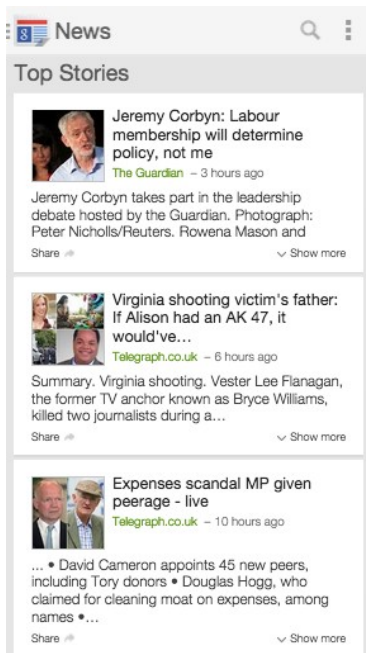
**Bank Holiday misery: Train strike and cheap petrol will see an extra 14 million cars on the roads**

The First Great Western strike, which starts on Saturday, is expected to lead to an increase in 50 per cent of people driving this weekend

Cameron criticised over 'Lord Moat' life peerage

Carol Vorderman left 'covered in burns' after naked treadmill fall

# News aggregation and content curation



Google News



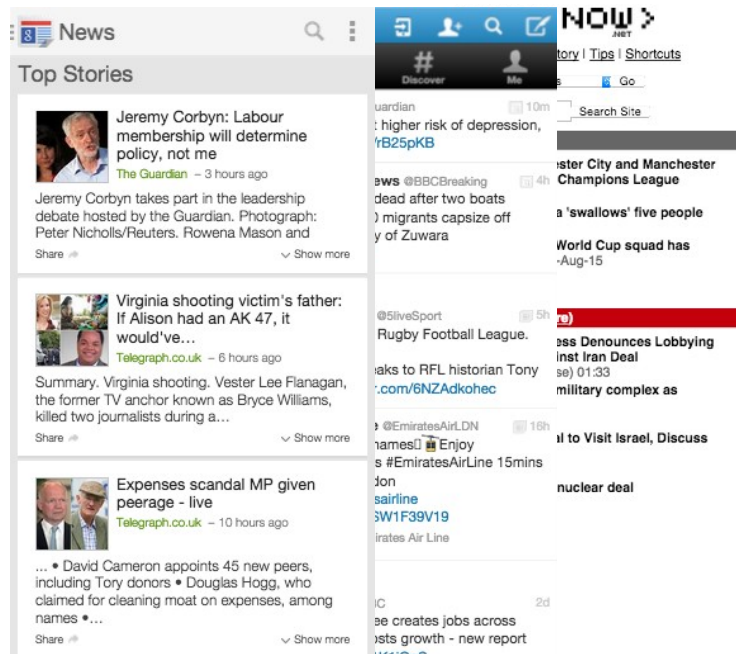
Twitter



NewsNow

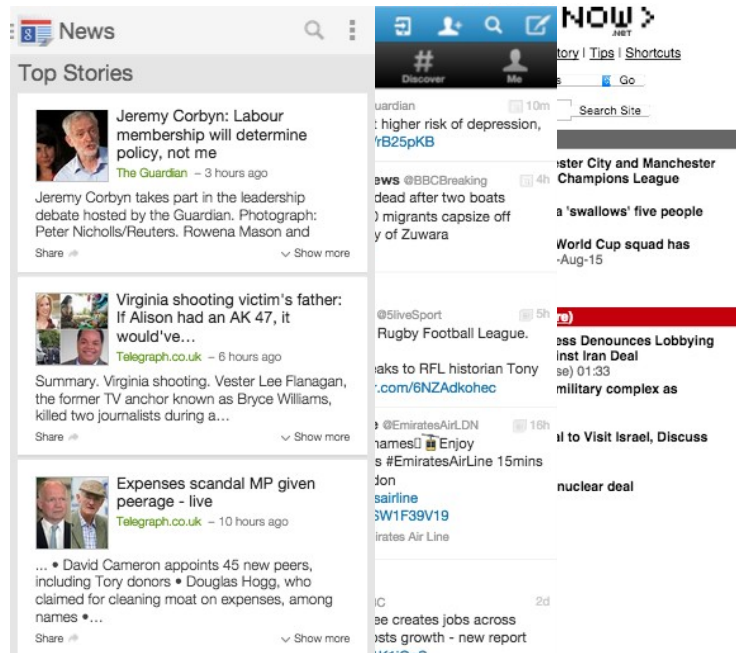
# What are their strengths?

- Good algorithms
- Content adaptation to user's location and interests
- Bookmarks
- Content delivery



# And their limitations?

- Personalisation
- Social features
- Unattractive UI & bad UX
- Mobile devices
- Offline access



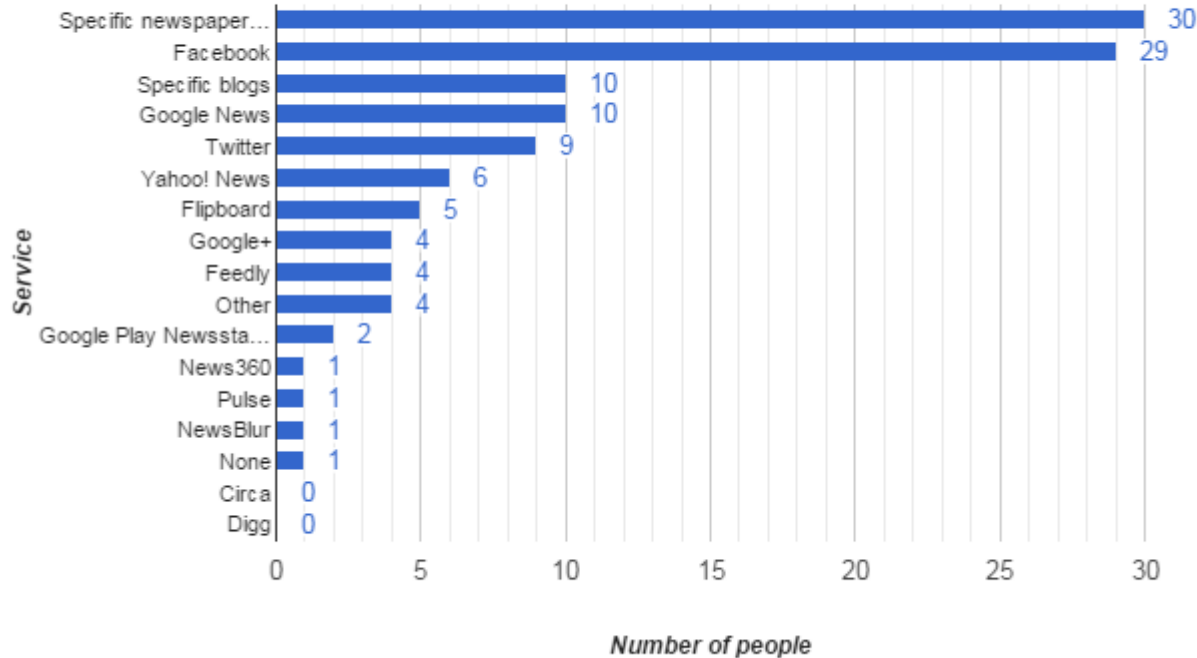
# User Study & Requirements



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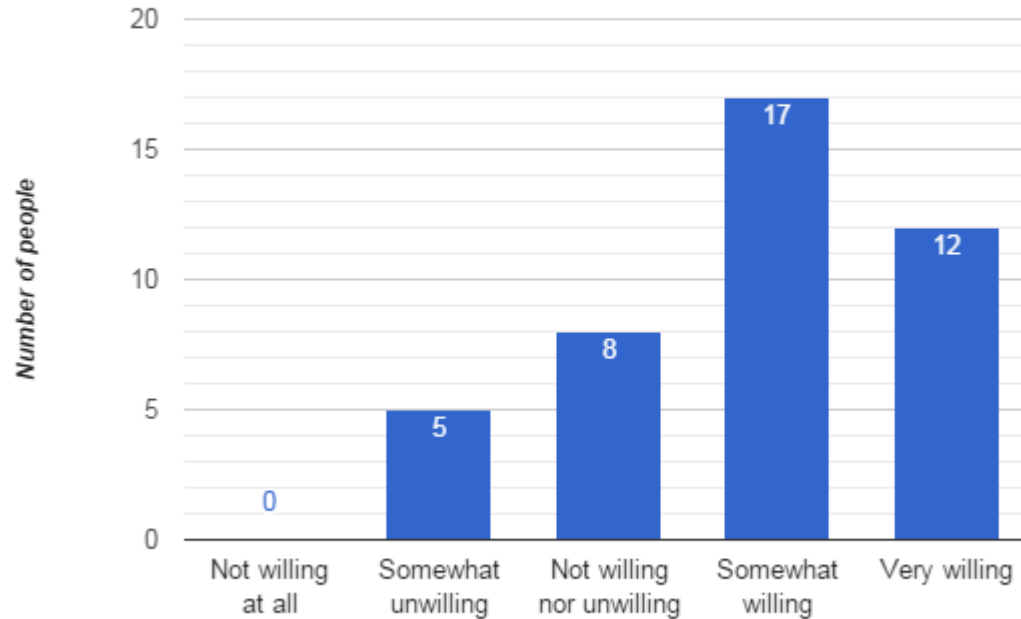
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# How people follow the news





# Are people willing to use a new app?



# What could be improved

*'**Clean interface** with easy to read and easy to scroll through the news.'*

*'A section for short interesting news e.g. an **interesting picture** with **short summary** as caption.'*

*'It would be interesting to use my mobile device **location** to show me news that happened **nearby me**.'*

# What could be improved

*'I should be able to say the **keywords I don't like to read about.**'*

*'It would be great to be able to have a **filter for positive news!**'*

*'**One app** that could be used to view all others.'*

# Project Development

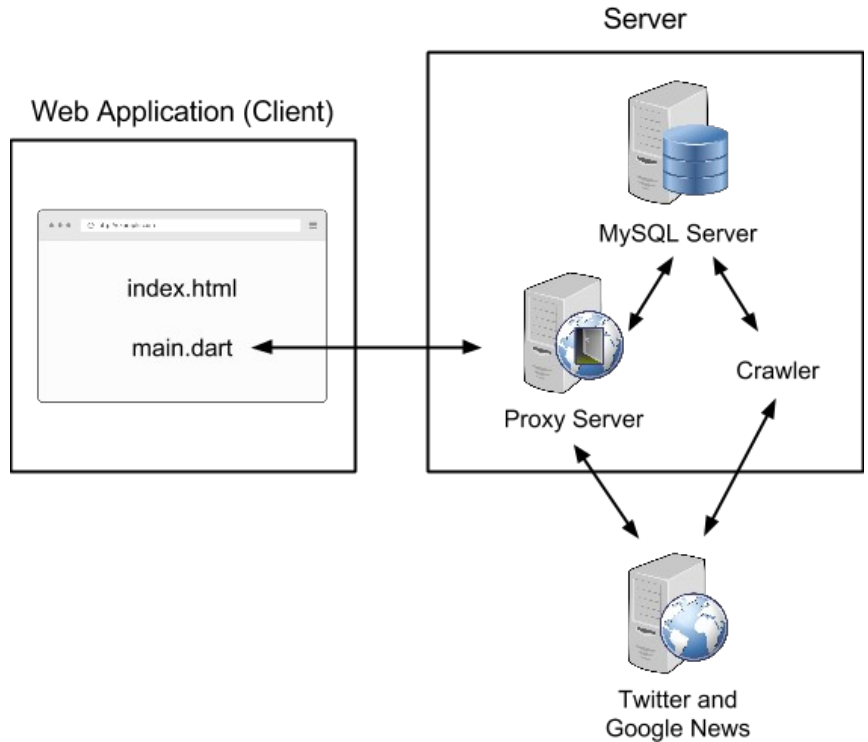


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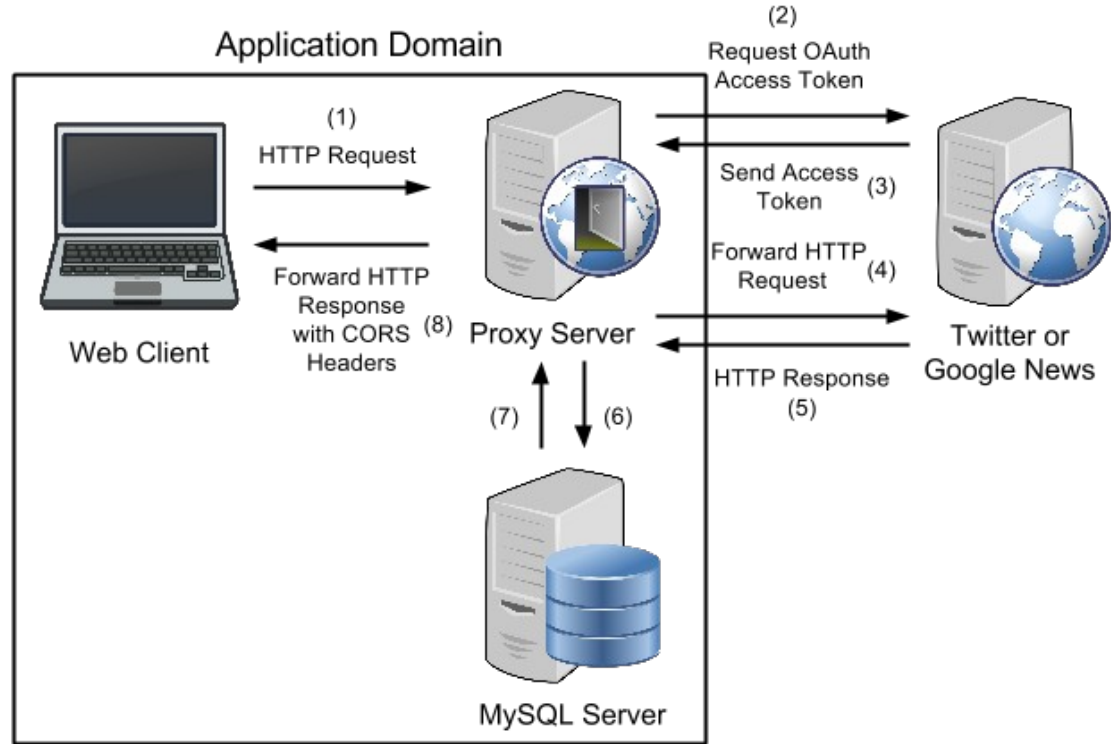
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# System design

- Web Application (Client)
- Server
  - Proxy server
  - Twitter and Google News crawler
  - MySQL database



# Proxy server



# Achievements

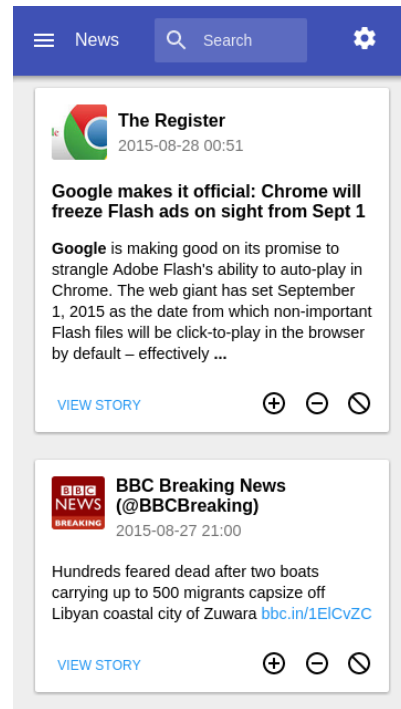


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# Why is News Anchor different?

- Powered by Twitter and Google News
- Social news
- Blacklist
- Story reactions
- Dart + Polymer + Material Design





# Further work

- User accounts and profiles
- Integration with social networks
- Management of topics and news sources
- Notifications
- Bookmarks and offline access
- Comments
- Lazy loading

# Thank you

## Any questions?