

## MCI Project 2020 Team #23 - Timetable

**Project Title:** News Tone

No.	Activities		Week5					Week6					Week7					Week8					Week9					Week10					Week11					Week12					Week13				
			M	T	W	T	F	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F										
1	Milestone1	Search for a Suitable Web Crawler Framework																																													
2		Test the Web Crawler Framework																																													
3		Crawl Titles of the Day on news.com.cn																																													
4		Crawl Titles of the Day through WayBack Machine																																													
5		Create a Web Crawler which can crawl Titles in past 1 month																																													
6		Test the Crawler																																													
7		B. Case & Draft Plan																																													
8	Final Milestone	Milestone_1 Report																																													
9		Extend the Crawler to Crawl Titles in past 10 years																																													
10		Test the Enhanced Crawler																																													
11		Unit Test - the Title Crawler																																													
12		Final Milstone Plan																																													
13		Testing Plan																																													
14		Search for a Suitable Sentiment Analysis (SA) Framework																																													
15		Test the SA Framework																																													
16		Process the Raw Data (Crawled Titles) -> Input Data																																													
17		Adjust the SA Framework to Fit Our Project																																													
18		Test the Adjusted SA Framework																																													
19		Apply Sentiment Analysis to the Input Data																																													
20		Check the Analysis Results																																													
21		Adjust the SA Framework -> SA Program																																													
22		Analysis the Input Data with SA Program																																													
23		Organise the Analysis Results																																													
24		Unit Test - the SA Program																																													
25		Create a Dashboard (Display the Analysis Results)																																													
26		Display Analysis Outcomes on the Dashboard																																													
27		Improve the Dashboard Performance																																													
28		Unit Test - Dashboard																																													
29		User Testing																																													
30		Release Testing																																													
31	Delivery	Final Report																																													
32		Final Presentation Slides																																													
33		Final Presentation and Demo Rehearsal																																													

Crawl all homepage titles on news.com.cn in past 10 years

Apply sentiment analysis to the crawled titles

## Display analysis outcomes & Delivery