	Erik Hours:	Notes:	Maria Hours:	Notes:	Reid Hours:	Notes:	Sammie Hours:	Notes:								
Sep. 7	riours.	Notes.	riouis.	Notes.	riouis.	Notes.	riouis.	INDIES.		Pre-sprint 1	Sprint 1	Sprint 2	Sprint 3	Sprint 4	Sprint 5	5
Sep. 8	2	Pitch brainstorming			2	Pitch brainstorming		Pitch brainstorming	TOTAL	2:					165	26
Sep. 9									Erik	10				26	67	
Sep. 10	3	Feasibility: Vert.x vs Play							Maria		1:	1 1	5	18	33	2
Sep. 11	3	Pitch Presentation & document			3	Pitch Presentation & document		Pitch Presentation & document	Reid		7 8	В 1	1	24	31	6
Sep. 12									Sammie		5 4	4 1	4 1-	1.5	34	12
Sep. 13																
Sep. 14																
Sep. 15																
Sep. 16										Pre-Project	Sept. 7 - Sept. 25	Erik	Maria	Reid	Sammi	nie
Sep. 17	5	Redis Research								Pitch Brainstorming			2	4	2	2
Sep. 18										Feasibility Research			3			
Sep. 19										Design Document &	Presentation		3		3	3
Sep. 20										Redis Research			5			
Sep. 21 Sep. 22										API Research TOTAL		+	3	_	7	
Sep. 22					2	Facebook API research				Sprint 1	Sept. 26 - Oct. 9		3		4	
Sep. 24						1 account Al Trescarcii				Research Redis	Оср.: 20 - Ост. 3		2	+		
Sep. 25										Research Play Fran	nework		5			
Sep. 26										Research Protocol I			3			
Sep. 27										Research APIs	Janeio (i Totobal)		1	2	3	
Sep. 28	2	Requirements, vision & scope		2 Requirements, vision, and scope	3	Product Plan & Requirements Doc		Requirements, vision, and scope		Use Case Details				5	1	
Sep. 29		,		2 R.v.s. document				.,		Product Vision			4	6	5	4
Sep. 30										TOTAL		1	4	13	8	4
Oct. 1	2	Play, Redis & Protobuf research								Sprint 2	Oct. 10 - Oct. 23					
Oct. 2		Play, Redis & Protobuf research			3	Facebook & Twitter API research				Make a prototype to						
Oct. 3										Design a data collec					5	5
Oct. 4										Design a backend A	PI/service		2	6		
Oct. 5			:	3 updating use cases						Make a nice backen	d diagram		2	3	1	
Oct. 6	2	Meeting Post-mortem & planning	1	2 Meeting Post-mortem & planning	2	Meeting Post-mortem & planning	1	Meeting Post-mortem & planning		Make a nicer fronter	nd UI mockup					
Oct. 7	2	Docker, Protobuf research	:	2 researching APIs						Start a design doc			5	4	5	5
Oct. 8										Research Play Fran	nework					2
0-4.0		Play Framework Setup & Templating								Decemb Destace	Ouffers (Destable)					
Oct. 9 Oct. 10		research  Requirements, vision & scope edits								Research Protocol B Research APIs	Butters (Protobur)		2		_	
Oct. 10	1	Requirements, vision & scope edits		undating use seems and						Research APIS			+	2	+-	
Oct. 11	1	Requirements, vision & scope edits	:	updating use cases and 2 requirements doc	1	Requirements Doc Editing		API Research		TOTAL		1	1	15	11	14
Oct. 12										Sprint 3	Oct. 24 - Nov. 6					
Oct. 13			:	2 Working on design document	2	Working on design document				Implement front-end	1			15		
Oct. 14							1	Play, Redis, Scala research		Data Scoring						
Oct. 15			;	3 Working on design document						Data Sorting		1	5			
Oct. 16	2	Working on design document			3	Working on design document	;	Working on design document/Research on front end		Data Collection		1	3		21	14.5
		Working on design document &		updating local environment and												
Oct. 17	5	researching Protobuf	1	2 researching APIs			1	2 Working on design document		Design Test Plan			6	3		
Oct. 18										Set up Deployment	structure	2	5			
Oct. 19				setting up local environment and 4 backend design	2	Data collection & FB query designs		Data collection design + Facebook/Twitter API research		Protobuf Schema			3			
		Backend class design & skeleton		Backend class design & skeleton	_								1		_	
Oct. 20	2	2 Implementation	:	2 Implementation	3	Data collection skeleton implementation		Play Framework Setup		TOTAL		1 2	6	18	21	14.5
Oct. 21										Sprint 4	Nov. 7 - Nov. 20					
Oct. 22										Implement front-end	1		5	33	2	15
		Protobuf design & compilation, data store design, data access design &														
		implementation, backend														
Oct. 23	8	3 implementation								Data Sorting by top	and trending	3	2			
004.34				Working on http get and data		Data collection impl				Data Callestine		,			20	40
Oct. 24		Travis CI & slack github notification		2 serialization	2.5	Data collection impl				Data Collection		1	١	+	29	19
Oct. 25	1	setup								Production Environr	nent Setup	1	4			
		Resolving compilation issues, Travis														
		CI integration & slack notifications, documentation of Data tier design.														
		data tier prototype implementation,						Researching HTTP requests, Twitter4j library, Twitter								
Oct. 26	4	test plan doc			1.5	Data collection impl		API, Data Collection impl		TOTAL		- 6	7	33	31	34
		Data tier impl, migration to github org javascript protobuf compilation, test	,													
Oct. 27	7	javascript protobut compilation, test plan doc			3	Data collection impl		B Data Collection impl		Sprint 5	Nov. 21 - Dec. 2					
Oct. 28		Test plan doc		3 Test plan document		Test plan doc		i de la companya de l		Implement front-end						
Oct. 29							1	Data Collection impl		Data sorting by top,						
Oct. 30				4 Working on HTTP GET request	4	TwitterSource Impl & Testing				Data collection						5
Oct. 31										Doc Refactor						
Nov. 1					4	TwitterSource Impl & Testing				TOTAL			0	0	0	5
		Data Tier re-design, refactor, and unit		Working on HTTP GET request and	4	T :::- 0		D.C. 1. C. 1. C.								
Nov. 2		B tests		5 protobuf serialization	3	TwitterSource Impl & Testing	2.5	Refactoring code								
Nov. 3	F	Data Tier unit tests & refactoring, recompiling protobuf, redis config														
. 101. 3		Data Tier unit tests & refactoring, git														
		docs, travis configs, sorting node		Working on creating and displaying												
Nov. 4	2	2 design	-	4 test data												
Nov. 5						B										
Nov. 6		Data Tier poet review shares			3	Data collector impl using TwitterSource										
		Data Tier post-review changes, protobuf js compilation, parsing, &		Working on protobuf data												
				6 serialization and front end UI		Data collector impl using TwitterSource			-1							

	New data tier functionalitie	s, sorting	Working on protobuf data	System wiring: Conne collectors, sorting no data tier together to g	de, front end and et data full route	Research Facebook4j, thinking of workaround to retrieve trending content, trying to link front end HTML				
Nov. 8	6 node skeleton		4 serialization	6 through system.	5	with protobuf serialized data				
Nov. 9	Sorting node impl, integrati documentation, unit test re 10 impl, JSON serialization		Working on JSON serialization and 8 javascript to display posts	System wiring: Connucollectors, sorting not data tier together to g through system.	de, front end and et data full route	Researched displaying JSON with javascript. Front end and getting posts to display with new UI	4			
	Detailed design documenta	tion,	Working on displaying data to the							
Nov. 10	5 sorting node impl & test im	ol	3.5 front end	4 Integration, sorting no	ode testing 4	Front end and post preview.				
Nov. 11										
Nov. 12										
Nov. 13										
Nov. 14										
Nov. 15	AWS Production Environm & deployment structure, do resolution, pagination impl									
	AWS Production Environm	ent setup								
Nov. 16	& deployment structure, so impl				g	Reddit JRAW setup and data collector implementation. RedditSourceTest				
Nev 47	Test Redis environment (a re-config, Redis connection 4 sorting node impl					Reddit data collector and pagination research				
Nov. 17						Reduit data collector and pagination research				
Nov. 18	4 Sorting Node impl (hashtag		2 Improving UI							
	Sorting Node impl (trending hashtag), top hashtags end (controller, data access & s more data access impl fror	point orting),								
Nov. 19	10 node requirements									
Nov. 20	requirements doc refactor, documentation, imgur colle design, sorting node impl, investigating & resolving fa 7 failures on Travis	ctor se test	Improving UI + Pagination + 9.5 Requirements doc	data collection comm 8 refactoring & imgur d						
140V. 20	Calculating sorting thresho		9.5 Requirements doc	8 Telactoring & inigur u	ata collector					
Nov. 21	based on collection rates, precompile, system testing, 6 new build failures	rotobuf	Improving UI + Pagination + Hashtags	4 imgur data collection	g	Reddit data collector and testing				
Nov. 22			2 Hashtags + Bug fixes	2 Bug fixes		Debugging				
Nov. 23			ago · Dag inco	L Dug ii.ku						
Nov. 24										
Nov. 25										
Nov. 26										
Nov. 27										
Nov. 28										
Nov. 29										
Nov. 30										
Dec. 1										
Dec. 1										
Dec. 3										
Dec. 4							Project Hours			
TOTAL:	145		79	87	83.5		394.5			