# **Sprint Burn Down Templates**

Instructions: What are these charts? How do I work them?

Updated 2020

## **Classic Agile Iteration Charts**

- A Burn DOWN for hours (and a version without this, as it's a bit out of fashion these days)
- A Burn UP for story points
- A Cumulative flow chart to help you to identify bottlenecks in your workflow.

## How do I use this Template?

- Choose "Make a copy" from the "File" menu above.
- This will save an editable version to your own Google Drive.
- Overwrite the content of the white cells, don't delete rows or the calcs in the grey or coloured cells!
- By entering data in the input grids, the charts will just happen
- · Even if you don't use all of the Cumulative flow, keep track of stories completed in the "Done" row

#### What do the charts show?

#### **Burn Down**

Estimated number of hours remaining to complete the sprint goal.

- Normally updated each day, immediately after the stand-up meeting
- The Scrum Master adds up all of the estimated hours remaining on all incomplete user stories
- Also shows the total number of hours available to the team in the remaining days of the sprint
- · So, it's designed whether things are on track, ahead or behind schedule
- In recent experience (2020), fewer teams do this. So there's a version here without this chart included

## **Burn Up**

Story points completed daily, throughout a sprint.

- · Very similar to the burn down
- · Rather than tracking work still to be done, it tracks work that has been completed
- Shows the accumulation of "Done" story points throughout the course of a sprint.

## **Cumulative Flow**

Tracks: Efficiency through stages in the delivery process

- · Highlights workflow bottlenecks, by charting the progress of stories through each stage of the sprint
- · The coloured bands each represent one stage in the development workflow
- In a "pull" system, a widening of a coloured bands will indicate a bottleneck in the phase that follows
- It could in practice though (when used in Scrum), indicate a lag in the phase itself

# Let me know how you go!

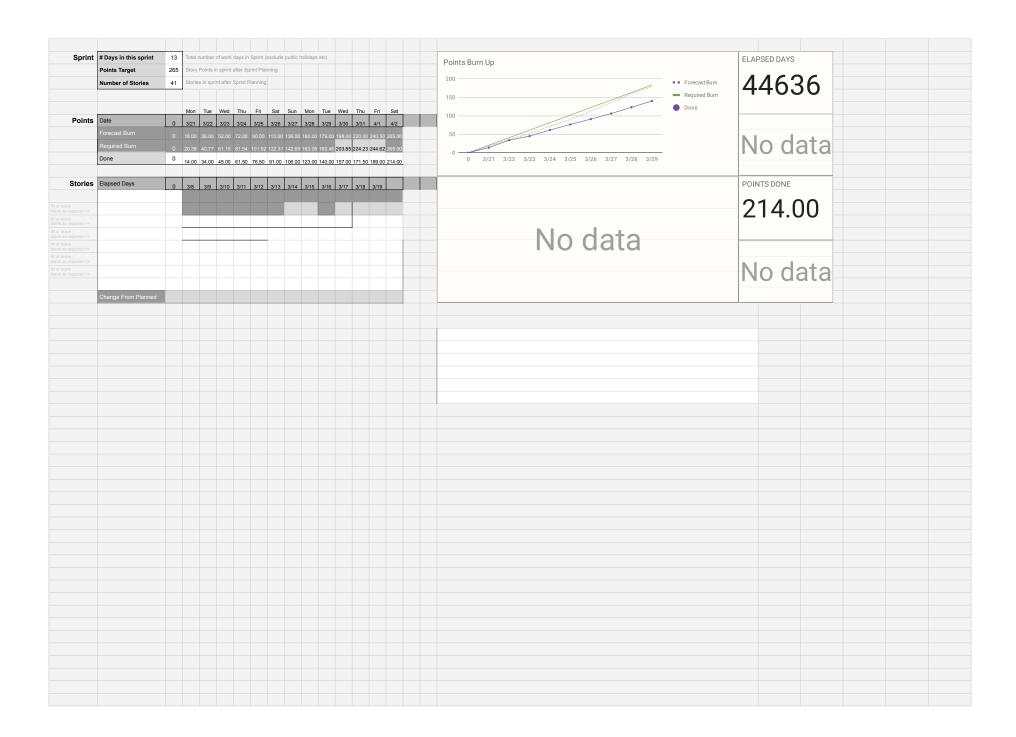
You are free copy this doc, and use it in any way you like. Knock yourself out. It'd be great if you could post a link back to the blog (somewhere) if you find the charts give you some help at work!

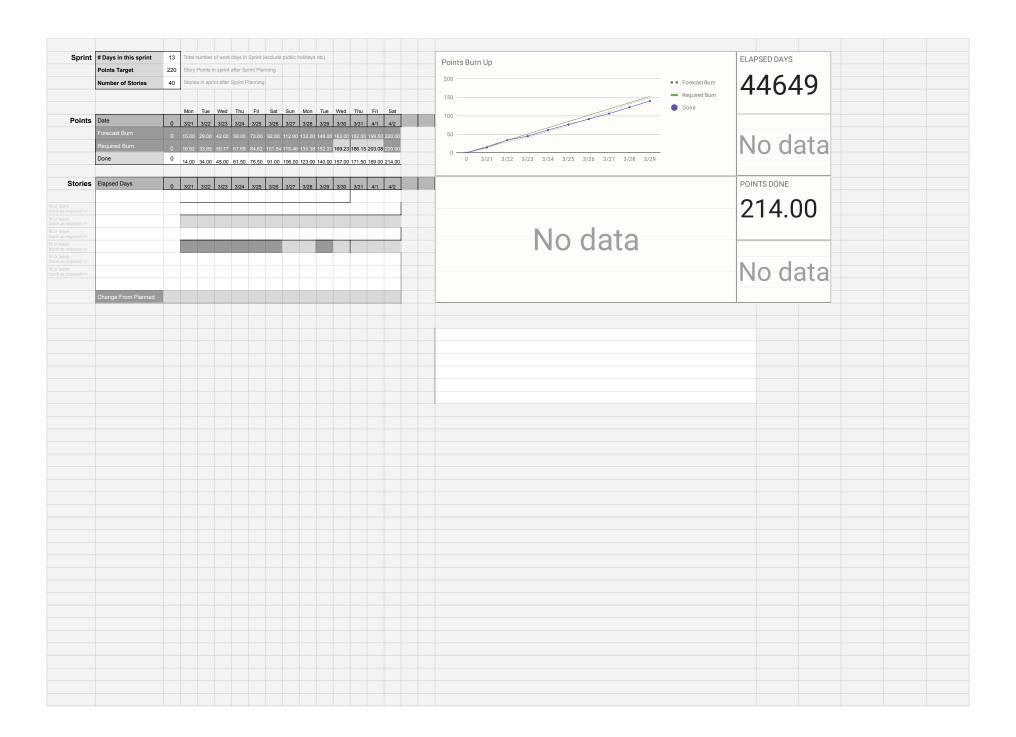
## http://scrumage.com/

If you find any errors, or think of ways to improve these charts, don't keep it to yourself. Any feedback at all is great.

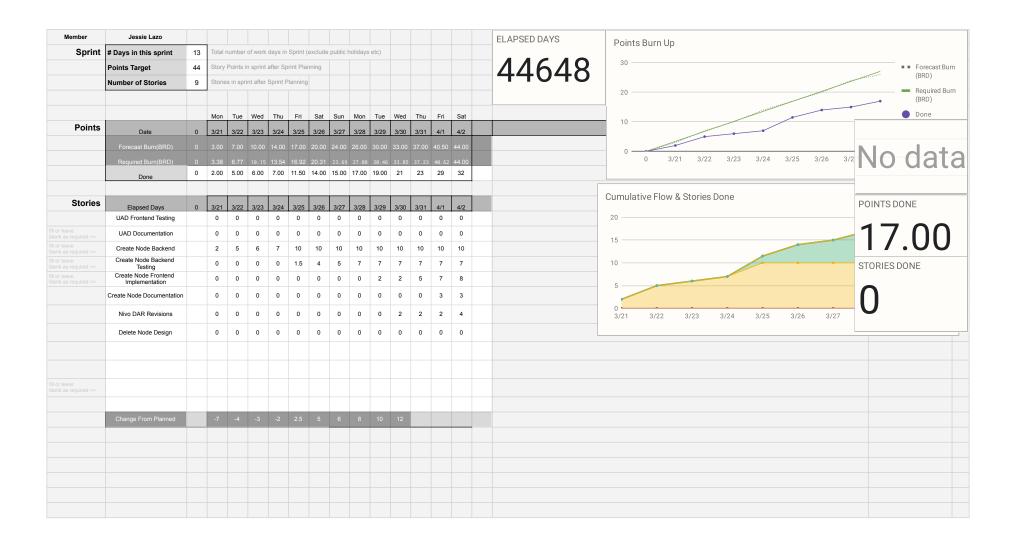
### Adrian

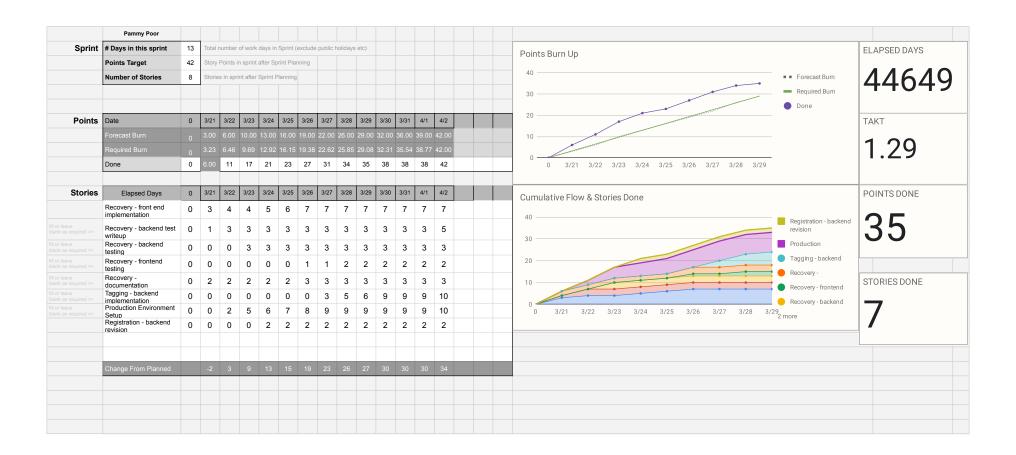
adrian@fittolani.com





Member	Matthew Chen																	
Sprint	# Days in this sprint	13	Total numb														EL EL	APSED DAYS
			Story														Points Burn Up	., 11 020 0, 110
	Points Target	43	Point														40	<b>1</b>
	Number of Stories	10	Storie														0 10 (20)	]
																	30 — Required Bum(BRD)	
			Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat		Done 20	
Points	Date	0	3/21	3/22	3/23	3/24	3/25	3/26	3/27	3/28	3/29	3/30	3/31	4/1	4/2		TA	AKT
	Forecast Burn(BRD)								22.00	27.00	31.00	34.00	37.00	40.00	43.00		10	
	Required Burn(BRD)																	0.00
								16.00					38	42			0 3/21 3/22 3/23 3/24 3/25 3/26 3/27 3/28 3/29	7.00
	Done	- 0	0.00	6.00	8.00	11.50	13.00	16.00	20.00	26.00	32.00	36	38	42	45			
Stories	Elapsed Days	0							_								DC.	DINTS DONE
	Test Token																Cumulative Flow & Stories Done	JIN 13 DOINE
	Authentication	0	0	0	0	0	0	1	3	7	7	7	7	7	7	5	40	20.00
	Setup Token Authentication																40 Test Main	32.00
	Middleware	0	0	0	0	0	0	2	4	4	4	4	4	4	4	4	30	72.00
	Revise																Search - Sequence	
	Authentication to store Token and																20 Diagram Success Case	
	attach Token to																Archiving - Rollback	
	header of response	0	0	0	0	0.5	2	2	2	2	2	2	2	2	2	2	Test DI Container	
	Revise Accounts table to have Token																0 Setup DI Container for	
	column	0		0	0	1	1	1	1	1	1	1	1	1	1	1	0 6 more	
	Research Token																ST	ORIES DONE
	Authentication	0	0	0	2	4	4	4	4	4	4	4	4	4	4	4		
	Authorization - Add Check for Correct																-	7
	User	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2		/
	Setup DI Container for Tests															4		<b>'</b>
	Test DI Container	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4		
	Tests	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2		
	Archiving - Rollback																	
	functionality Search - Sequence	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3		
	Diagram Success																	
	Case	0	0	0	0	0	0	0	0	0	3	7	9	10	10	10	DI Container Setup	2
	Merge to Main	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	DI Container Setup and Testing	2
	Test Main	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	DI Container Testing	2
																	Research Token Authentication  Revise Accounts Table to have Token column, Revise Authentication to Store Token and attach Token to header of response, Test Token	4
																	Authentication Setup Token Authentication Middleware, Test Token Authentication	4
																	Setup Token Authentication Middleware, Test Token Authentication	4
																	Authorization - Add Check for Correct User, Archiving Rollback Functionality	5
																	Search - Sequence Diagrams	4
																	Search - Sequence Diagrams	3
	Change From Planned			-4	-2	1.5	3	6	10	16	22						Search - Sequence Diagrams	3
																		3
																	Merge to Main	
																	Test Main	3





Member	Viet Nguyen															
Sprint	# Days in this sprint	13	Total n	umber	of work	days in	Sprint (e	exclude	public h	nolidays	etc)				22	ELAPSED DAYS
	Points Target	40	Story F	Points in	n sprint	after Sp	orint Plan	nning							Points Burn Up	
	Number of Stories	8	Stories	in spri	nt after	Sprint P	Planning								5000 0 = Forecast Burn	4465
															4000 = Required Burn	4400
															3000 Pone	
Points	Date	0													0 2000 Elapsed Days	
1 011113	Forecast Burn	L	3/21	3/22	7.0	3/24	3/25	3/26	3/27	3/28	3/29	3/30	3/31 4	/1 4/	0 1000 — Account Deletic	n-
													32.08 35		0 Backend Revisio	No da
		U					_						30.5	_	0	" INO Ua
	Done	0	-	3	0	9	- ' '	1-4	17	19	23	21	30.5	55 4	o sit	
Stories	Elapsed Days	0	3/21	3/22	3/23	3/24	3/25	3/26	3/27	3/28	3/29	3/30	3/31 4	/1 4/	Cumulative Flow & Stories Done	POINTS DONE
	Account Deletion - Backend		2	5	5	8	9	10	12	13	16	18	18	9 2	50 Merge to Main	I $I$ $I$
	Revisions														40 UM - Frontend	testing <b>44</b>
			0	0	1	1	2	4	5	6	7	9	12	6 2	30 UM - Backend to	esting
	Account Deletion - Backend Testing					ľ								-	20 UM- Implemer (Frontend)	tation
	Account Deletion - Backend Testing														10 UM-Implemen	
			0	0	0	0	0	0	0	0	0	0	0	0 (	OM - Implement	
	Account Deletion - Documentation														0 3/21 3/22 3/23 3/24 3/25 3/26 3/27 3/28 3/29 3/30 3/31 4/1 4/2 4 more	
	Account Deletion - Implementation		0	0	0	0	0	0	0	0	0	0	0	0 (	4 more	
	(Frontend)															
			0	0	0	0	0	0	0			0	0	0 (		
	Account Deletion - Frontend Testing		0	Ü						Ů	Ů	Ü	0			NIa da
	Account Deletion - Fronterio resting							0			0	0	0	0 (		No da
	UM - Implementation (Backend)		0	U	0	0	0	0	0	0	0	U	0	0 (		
			0	0	0	0	0	0	0	0	0	0	0	0 (		
	UM - Implementation (Frontend)						Ů		Ů					`		
			0	0	0	0	0	0	0	0	0	0	0	0 (		
	UM - Backend testing		0	Ü						Ů	Ů	Ü	0			
	UM - Frontend testing		0	0	0	0	0	0	0	0	0	0	0	0 (		
	ow - Frontella testing															
	Manna ta Maia	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Merge to Main Change From Planned	U														
	Change From Flanned															

Member	Ian Ho-Sing-Loy																	
Sprint	# Days in this sprint	13	Total numb															ELAPSED DAY
	Points Target	51	Story Point														Points Burn Up	
	Number of Stories	5	Storie														60 —	446
																		770
			Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat		40	
Points	Date		3/21	3/22	3/23	3/24	3/25	3/26	3/27	3/28	3/29	3/30	3/31	4/1	4/2			TAKT
	Forecast Burn(BRD)					12.00		21.00	26.00			36.00	40.00	45.00	51.00		20	0.50
	Required Burn(BRD)	0	3.92	7.84	11.76	15.68	19.60	23.52	27.44	31.36	35.28	39.20	43.12	47.04	51.00			0.50
	Done	0	4.00	7.00	8.00	13.00	18.00	20.00	23.00	27.00	31.00	35.00	42.00	45.00	51.00		3/2 3/2 3/2 3/2 3/2 3/2 3/2 3/2 3/2	
		_	_		_	_	_		_								3/2 3/2 3/2 3/2 3/2 3/2 3/2 3/2 3/2 3/2	
Stories	Elapsed Days	0	3/21	3/22	3/23	3/24	3/25	3/26	3/27	3/28	3/29	3/30	3/31	4/1	4/2		Cumulative Flow & Stories Done	POINTS DONE
	Tree History-Backend		0	0	0	3	7	9	12	16	18	20	24	26	30	30		01
	Tree History-Backend Testing		0	0	0	0	0	0		0			,		10		60	31.0
	Tree History - Design -		ľ	U	U	U	U	U	U	U		4	,	٥	10	10		
	Database		2	3	3	3	3	3	3	3	3	3	3	3	3	3	40	Diagra
	Tree History - Design - Diagrams		2	4	4	4	4	4	4	4	4	4	4	4	4	4		● Tree Hi
	Database Access - Turn DAO into async		0	0	1	3	4	4	4	4	4	4	4	4	4	4	20	STORIES DON
																		4.0
																	3/21 3/22 3/23 3/24 3/25 3/26 3/27 3/2	28 3/29 3/30 3/31 4 18
																		10
	01									0.0	20							
	Change From Planned		-1	2	3	8	13	15	18	22	26							

