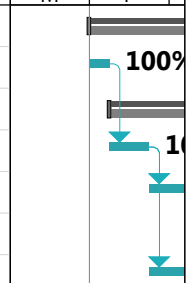
Garry Cluster Computer Project 9dec

ID	Task Mode	Task Name	Duration	Start	Finish	Predece
1		**1.0 entire project**	**68 days**	**Fri 25/11/16**	**Tue 28/02/17**	
2		1.1 mindmap Brainstorm to select a project	1 day	Fri 25/11/16	Fri 25/11/16	
3		**2.0 research super computer raspberry pi**	**6 days**	**Sat 26/11/16**	**Mon 05/12/16**	
4		2.1 braistorm Mindmap various project soulotions	2 days	Sat 26/11/16	Sun 27/11/16	2
5		2.2 selected main project	3 days	Mon 28/11/16	Wed 30/11/16	4
6		2.3 Spec up main project Spec1	3 days	Thu 01/12/16	Mon 05/12/16	5
7		2.4 select backup plan	3 days	Mon 28/11/16	Wed 30/11/16	4
8		2.5 Spec up backup plan Spec2	2 days	Fri 02/12/16	Mon 05/12/16	7
9		**3.0 Obtain hardware**	**5 days**	**Tue 06/12/16**	**Mon 12/12/16**	
10		3.1 costing and obtain finance main project	1 day	Tue 06/12/16	Tue 06/12/16	6
11		3.2 purcahse or reuse existing hardware main project	3 days	Wed 07/12/16	Fri 09/12/16	10
12		3.3 all hardware obtained	1 day	Mon 12/12/16	Mon 12/12/16	11
13		**4.0 Physical build**	**2 days**	**Tue 13/12/16**	**Wed 14/12/16**	
14		4.1 Connect 4 x Raspberry pi to switch with cat 6 cable	2 days	Tue 13/12/16	Wed 14/12/16	12
15		4.2 Connect power supply to switch and 4 x raspberry Pi	2 days	Tue 13/12/16	Wed 14/12/16	12
16		**5.0 Sofware build**	**36 days**	**Tue 13/12/16**	**Tue 31/01/17**	
17		5.1 Download Raspbian Jessie with pixel Operating system Kernal	1 day	Tue 13/12/16	Tue 13/12/16	12
18		5.1.1Test download for completeness with Hash Key	1 day	Wed 14/12/16	Wed 14/12/16	17
19		5.1.2 Use Linuix laptop to install Operating system to Master Pi SD	1 day	Wed 14/12/16	Wed 14/12/16	17
20		5.2.1 Install SD card into master RPI	1 day	Wed 14/12/16	Wed 14/12/16	17
21		5.2.2 Connect to WiFi and Update Operating system	1 day	Wed 14/12/16	Wed 14/12/16	17
22		5.3 Dowload required Python libruarys	1 day	Wed 14/12/16	Wed 14/12/16	17



Critical
Critical Split
Critical Progress
Task
Split
Task Progress
Manual Task
Start-only
Finish-only
Duration-only
Baseline
Baseline Split
Baseline Milestone
Milestone
Summary Progress
Summary
Manual Summary
Project Summary
External Tasks
External Milestone
Inactive Task
Inactive Milestone
Inactive Summary
Deadline

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23		5.4 Clone Master SD Card to slave SD cards	6 days	Thu 15/12/16	Thu 22/12/16	22
24		5.5 install SD cards expand OS to fit card	1 day	Fri 23/12/16	Fri 23/12/16	23
25		christmas break	8 days	Mon 26/12/16	Wed 04/01/17	24
26		5.6 ssh into network and set keys and permissions	6 days	Thu 05/01/17	Thu 12/01/17	24,25
27		5.7 test cluster comunication	2 days	Fri 13/01/17	Mon 16/01/17	26
28		5.8 test cluster performance	11 days	Tue 17/01/17	Tue 31/01/17	27
29		**6.0 Main Project Failure Implement Backup Plan**	**20 days**	**Wed 01/02/17**	**Tue 28/02/17**	
30		6.1 Obtain Spec2 hardware	5 days	Wed 01/02/17	Tue 07/02/17	8
31		6.2.1 build Spec2 attach Cluster hat to Raspberry pi	1 day	Thu 09/02/17	Thu 09/02/17	30
32		6.2.2 attach 4 x pi zero to cluster hat	1 day	Thu 09/02/17	Thu 09/02/17	30
33		6.3 download software	1 day	Thu 09/02/17	Thu 09/02/17	30
34		6.3.1 install software to sd cards	1 day	Fri 10/02/17	Fri 10/02/17	33
35		6.3.2 test comunication	1 day	Mon 13/02/17	Mon 13/02/17	34
36		6.4 test cluster performance	11 days	Tue 14/02/17	Tue 28/02/17	35

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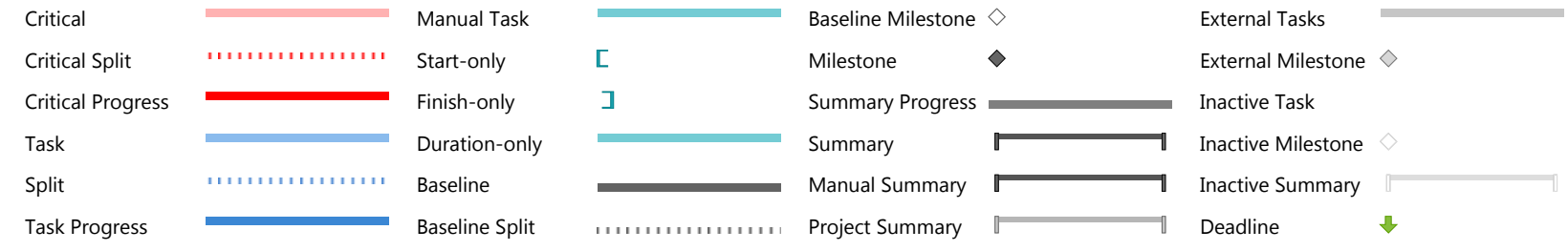

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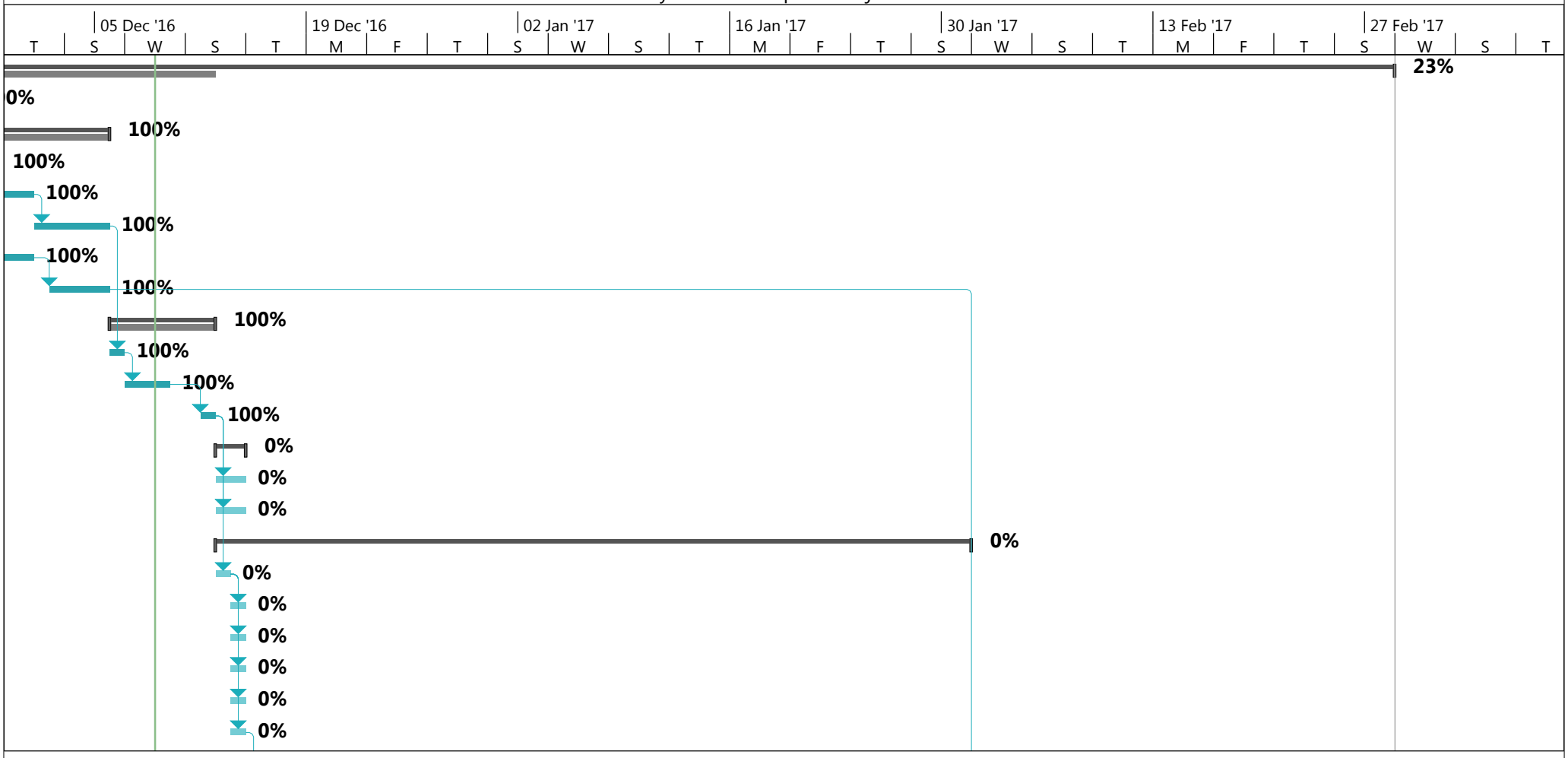

Critical		Manual Task		Baseline Milestone	◇	External Tasks	
Critical Split		Start-only	⊏	Milestone	◆	External Milestone	◇
Critical Progress		Finish-only	⊐	Summary Progress		Inactive Task	
Task		Duration-only		Summary		Inactive Milestone	◇
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Task Progress		Baseline Split		Project Summary		Deadline	⬇

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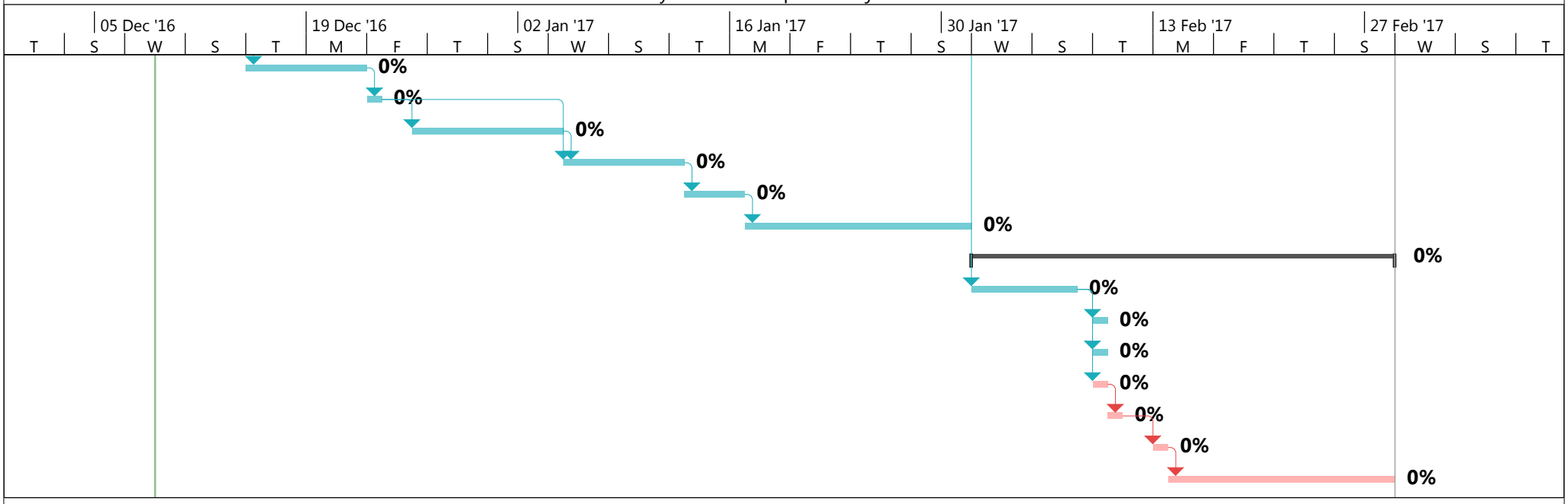

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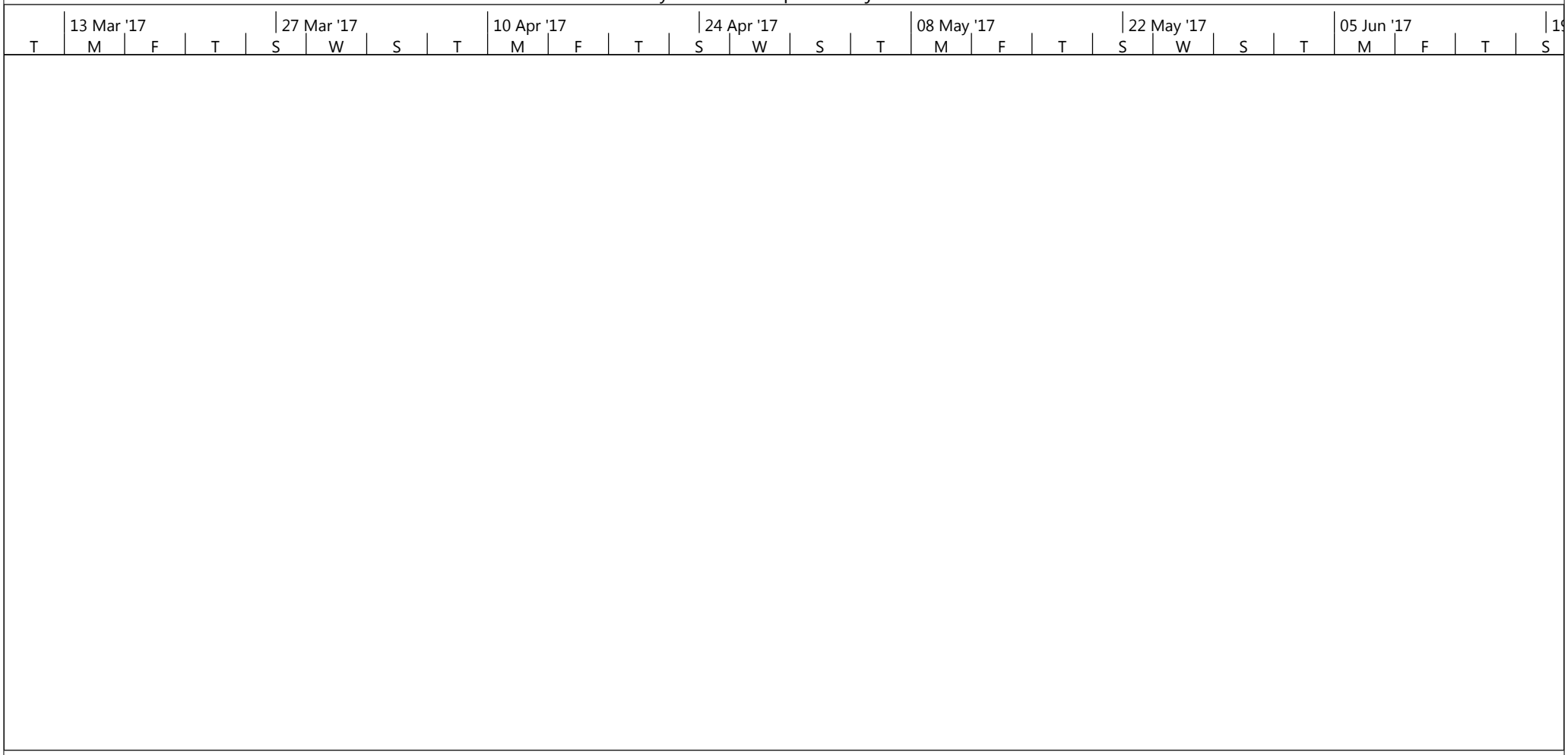

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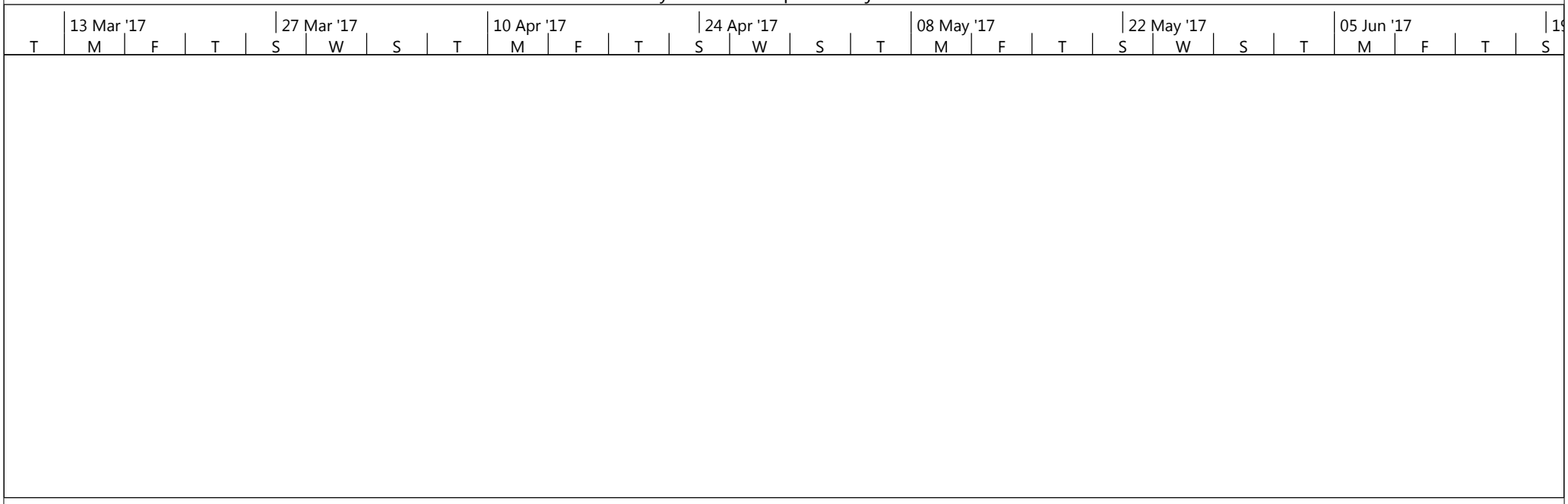

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