ID	Task Name	Duration	Start	Finish	Predec	Resource Names
1	**calntegrator2 1.0**	**126 days?**	**Wed 3/19/08**	**Mon 9/15/08**		
2	**Inception phase**	**23 days?**	**Wed 3/19/08**	**Fri 4/18/08**		
24	Inception Complete	1 day?	Fri 4/18/08	Fri 4/18/08		
25	**Elaboration Phase**	**103 days?**	**Mon 4/21/08**	**Mon 9/15/08**	**24**	
26	**Elaboration - Iteration 1**	**20 days?**	**Mon 4/21/08**	**Fri 5/16/08**		
66	**Elaboration - Iteration 2**	**33 days?**	**Mon 5/19/08**	**Thu 7/3/08**	**65**	
107	**Elaboration - Iteration 3**	**50 days?**	**Mon 7/7/08**	**Mon 9/15/08**	**66**	
108	**Project Management**	**28 days**	**Mon 7/7/08**	**Wed 8/13/08**		
109	Schedule	1 day	Mon 7/7/08	Mon 7/7/08		SJ
110	Risk Management	3 days	Mon 7/7/08	Wed 7/9/08		SJ
111	E2 Iteration Assessment	2 days	Thu 8/7/08	Fri 8/8/08		SJ
112	E3 Iteration Plan	3 days	Mon 8/11/08	Wed 8/13/08		SJ
113	**Requirements**	**43 days?**	**Mon 7/7/08**	**Thu 9/4/08**		
114	Wireframes for Perform Analysis	10 days?	Mon 7/7/08	Fri 7/18/08		WF
115	Requirements for View Images	10 days?	Mon 7/14/08	Fri 7/25/08		WF
116	Finalize requirements for view images	5 days	Mon 8/25/08	Fri 8/29/08		WF
117	Review Vision Document	1 day	Mon 8/25/08	Mon 8/25/08		SJ
118	Draft Storyboard for calntegrator2	2 days	Tue 9/2/08	Wed 9/3/08		SJ
119	External Review of Use Cases/Vision	1 day?	Thu 9/4/08	Thu 9/4/08		SJ
120	**Analysis and Design**	**35 days?**	**Mon 7/7/08**	**Fri 8/22/08**		
121	Manage Queries-Supporting Class Model	5 days	Mon 7/7/08	Fri 7/11/08		ET
122	Use-Case Design:Manage Queries	3 days	Tue 7/15/08	Thu 7/17/08	121	ET
123	Model Changes (Data Type Support)	3 days?	Mon 7/7/08	Wed 7/9/08		MH
124	Model Changes (UoM, Range Search)	3 days?	Mon 7/7/08	Wed 7/9/08		MH
125	Work with VCDE/Arc Mentor	15 days	Mon 7/7/08	Fri 7/25/08		MH
126	Use-Case Design: Perform Analysis	5 days	Mon 8/18/08	Fri 8/22/08	114	JP
127	Final Software Architecture Document	3 days	Mon 7/28/08	Wed 7/30/08		JP
128	**Implementation**	**46 days**	**Mon 7/7/08**	**Tue 9/9/08**		
129	**Implement Deploy Study**	**38 days**	**Mon 7/7/08**	**Wed 8/27/08**		
130	Mapping functionality Genomics, Retrieve Array Data, Feedback from	5 days	Mon 7/7/08	Fri 7/11/08		ET
131	Datatype changes	3 days	Thu 7/10/08	Mon 7/14/08		ET

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Project: trWorkbench 1.0
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Task — Milestone — External Tasks
Split — Summary — External Milestone
Progress — Project Summary — Deadline

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ID	Task Name	Duration	Start	Finish	Predec	Resource Names
132	NCIA mapping functionality	7 days	Thu 8/7/08	Fri 8/15/08		SR
133	Genomics mapping functionality (debug)	4 days	Tue 8/5/08	Fri 8/8/08		JP
134	Data type drop-down and caDSR changes for data types	3 days	Mon 8/18/08	Wed 8/20/08		SR
135	Asynchronous Study Deployment	5 days	Thu 8/21/08	Wed 8/27/08		SR
136	UI improvement for Deploy Study	3 days	Thu 8/21/08	Mon 8/25/08		LN
137	Security - Authentication & Authorization	5 days	Mon 7/7/08	Fri 7/11/08		TJ
138	**Implement Manage Queries**	**24 days**	**Thu 7/24/08**	**Tue 8/26/08**		
139	Front End	15 days	Tue 8/5/08	Mon 8/25/08		JP,TJ
140	General Service Tier (Query Creation & Persistence)	10 days	Wed 8/6/08	Tue 8/26/08		ML
141	Query to Hibernate Query translation	12 days	Thu 7/24/08	Fri 8/8/08		TJ
142	ArrayDataService search functionality	5 days	Mon 8/11/08	Fri 8/15/08		TJ
143	UI look and feel	5 days	Wed 8/13/08	Tue 8/19/08		LN
144	**Implement Perform Data Analysis: GenePattern integration & KM Pl**	**10 days**	**Tue 8/26/08**	**Tue 9/9/08**		
145	GenePattern integration	5 days	Tue 8/26/08	Tue 9/2/08		TJ
146	Analysis job definition	5 days	Tue 8/26/08	Tue 9/2/08	126	JP
147	Service tier components for general analysis job management	5 days	Wed 8/27/08	Wed 9/3/08		ML
148	KM Plot Implementation	5 days	Wed 9/3/08	Tue 9/9/08		TJ
149	Browse Study	5 days	Thu 8/28/08	Thu 9/4/08		SR
150	View Images	5 days	Wed 9/3/08	Tue 9/9/08	116	ML
151	**Test**	**24 days**	**Mon 8/11/08**	**Fri 9/12/08**		
152	Performance/load test Manage Queries	5 days	Tue 8/26/08	Tue 9/2/08		ET
153	Unit Tests/Functional Tests	6 days	Tue 8/26/08	Wed 9/3/08		
154	QA Team Test	24 days	Mon 8/11/08	Fri 9/12/08		
155	**Environment**	**1 day?**	**Mon 7/28/08**	**Mon 7/28/08**		
156	Configure nightly build	1 day?	Mon 7/28/08	Mon 7/28/08		ET
157	**Configuration and Change Management**	**3 days**	**Thu 8/7/08**	**Mon 8/11/08**		
158	Complete Feature Request/Tracking	3 days	Thu 8/7/08	Mon 8/11/08		SJ
159	**Deployment**	**45 days?**	**Mon 7/14/08**	**Mon 9/15/08**		
160	Deploy to DEV tier	2 days	Mon 7/14/08	Tue 7/15/08		ET
161	Deploy to QA tier	1 day?	Mon 9/15/08	Mon 9/15/08	154	TBD
162	Elaboration 3 Complete	1 day?	Mon 9/15/08	Mon 9/15/08	154	

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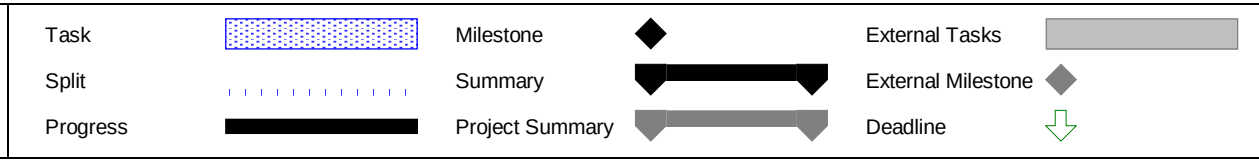

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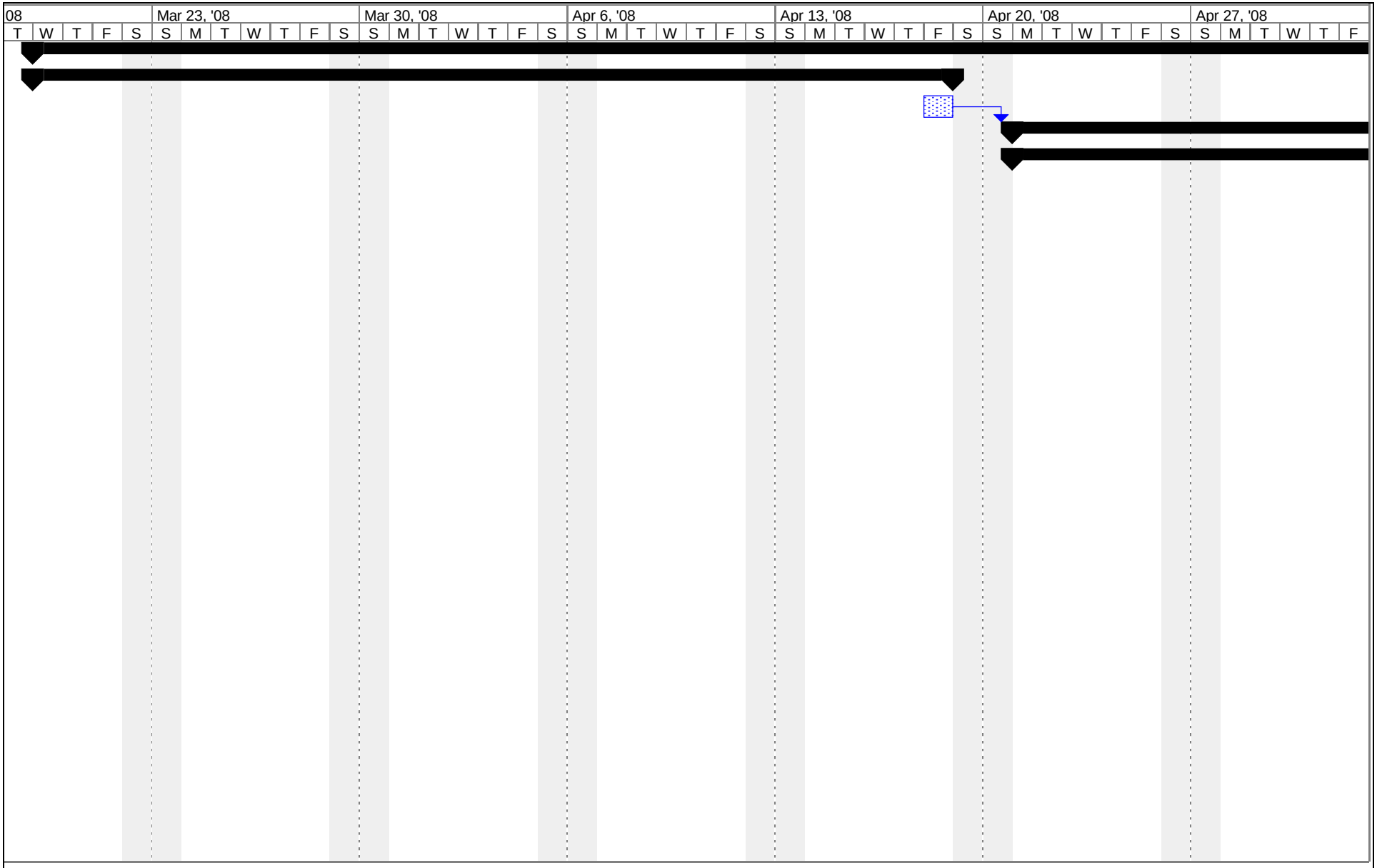

Project: trWorkbench 1.0
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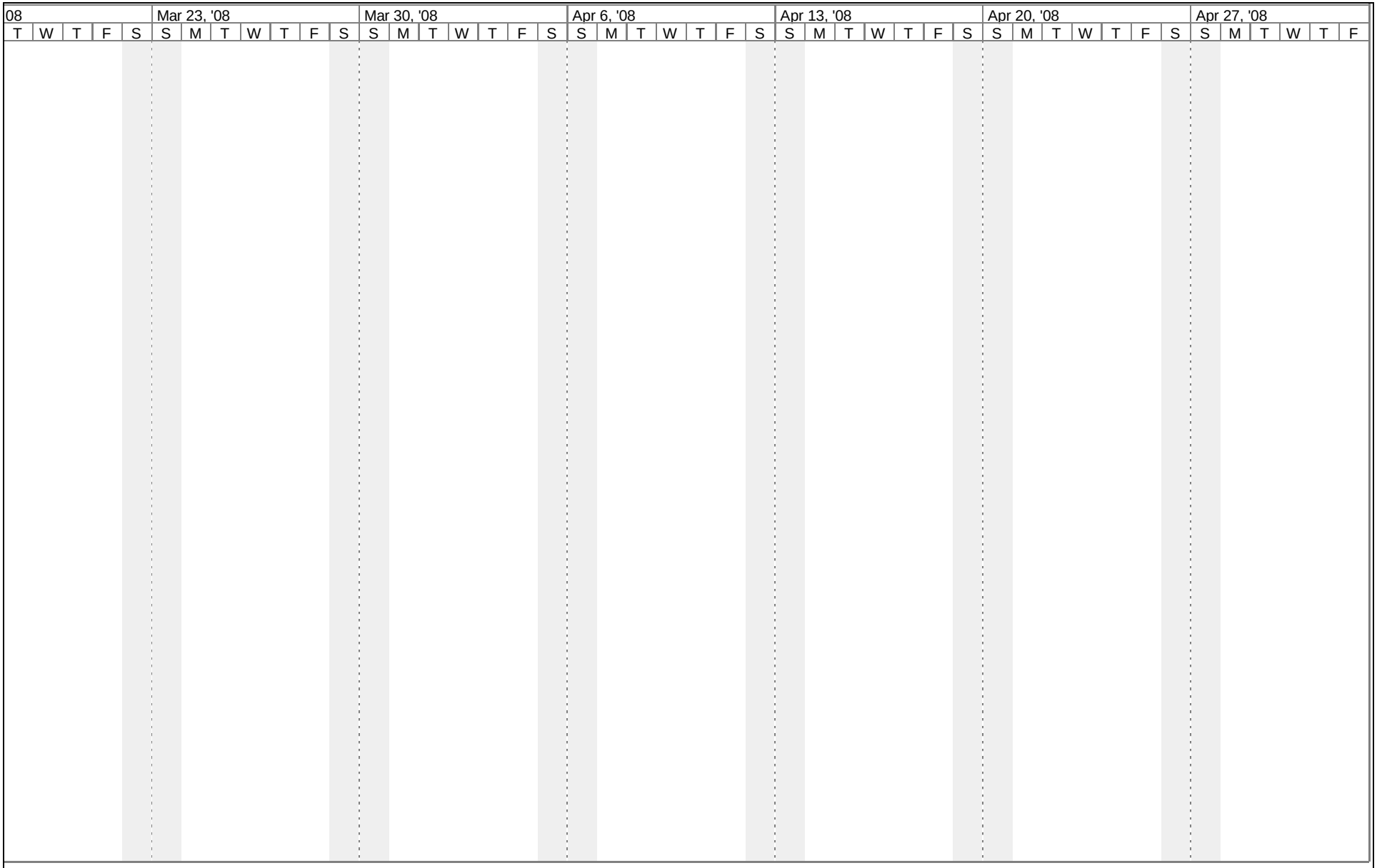

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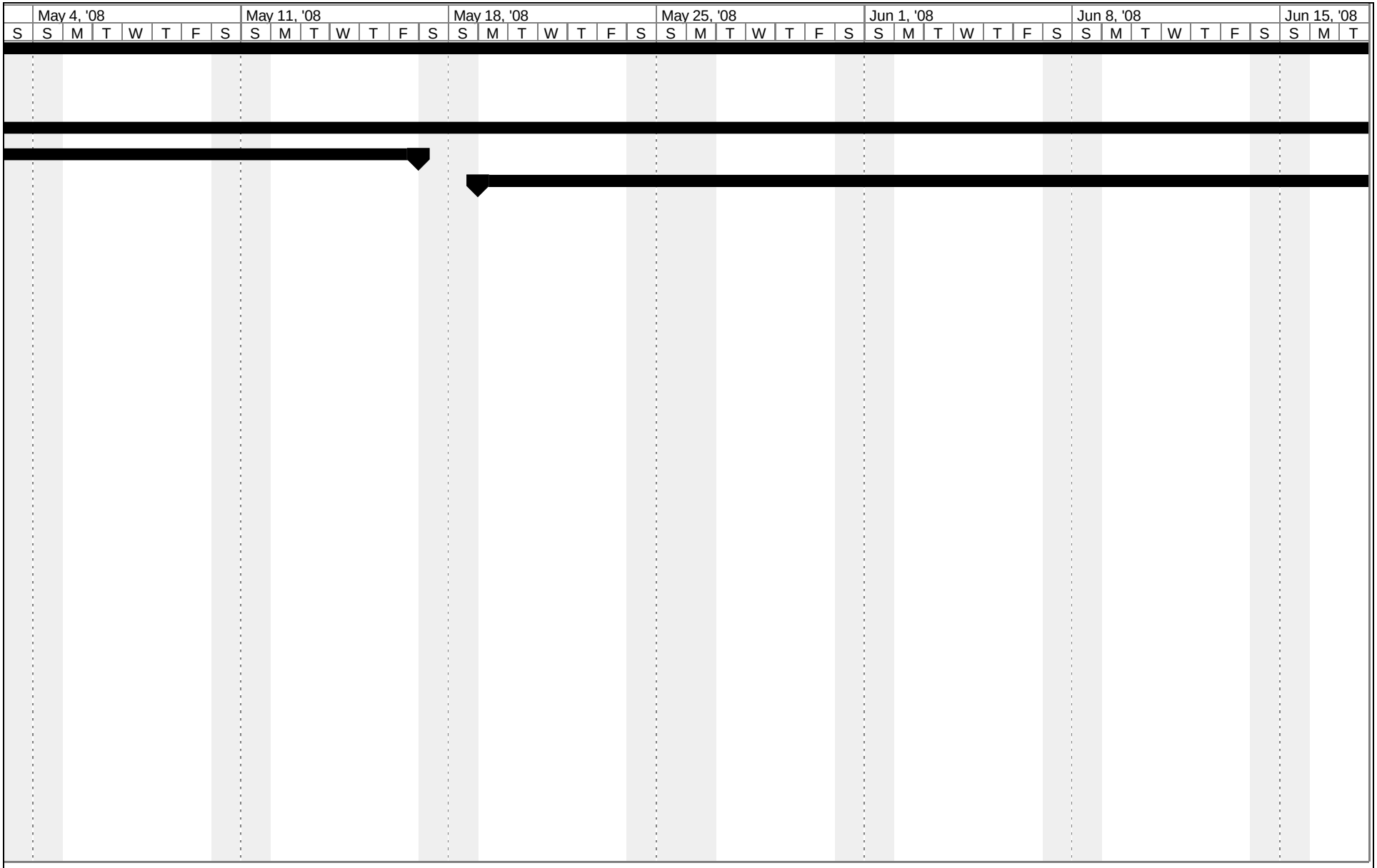

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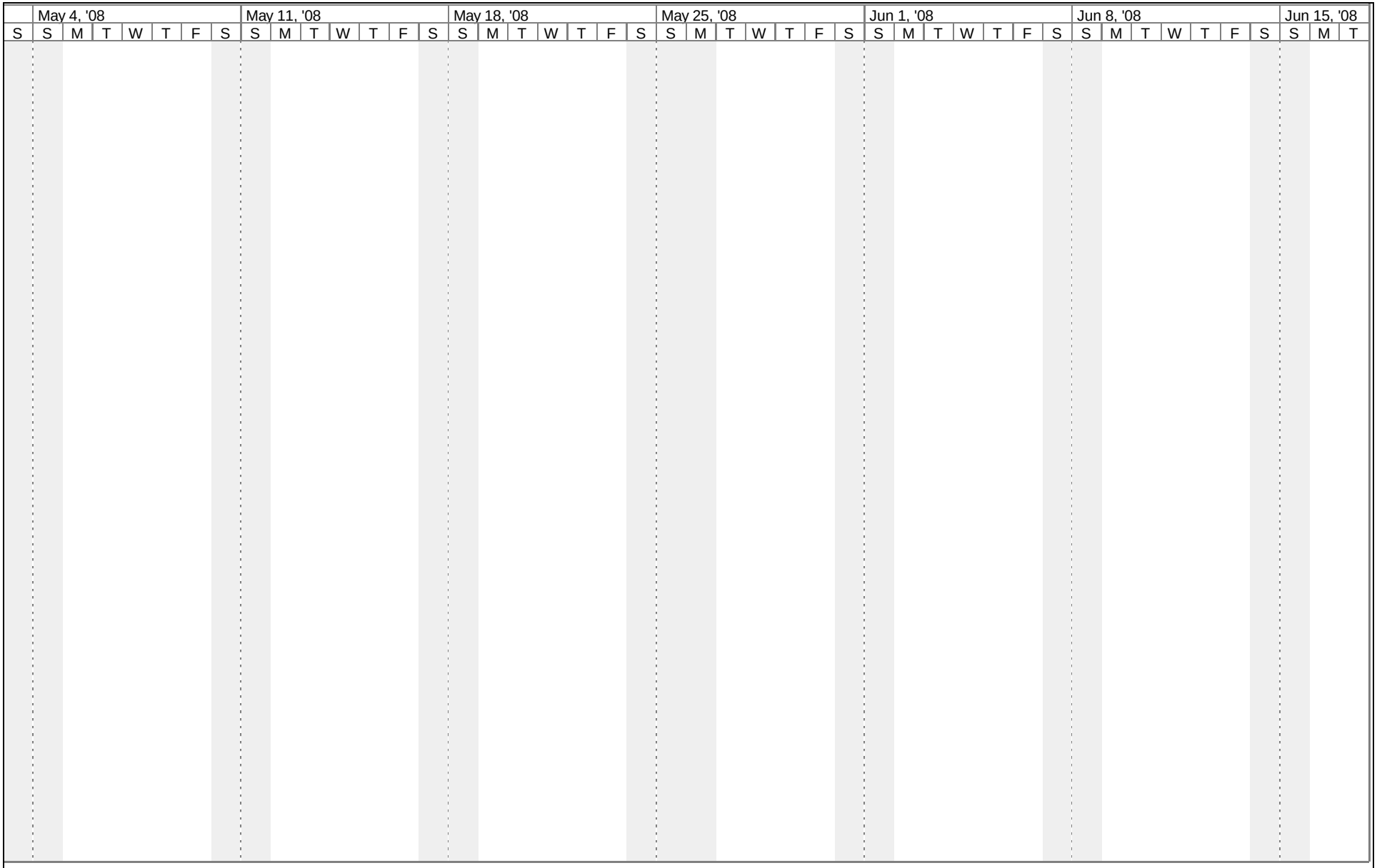

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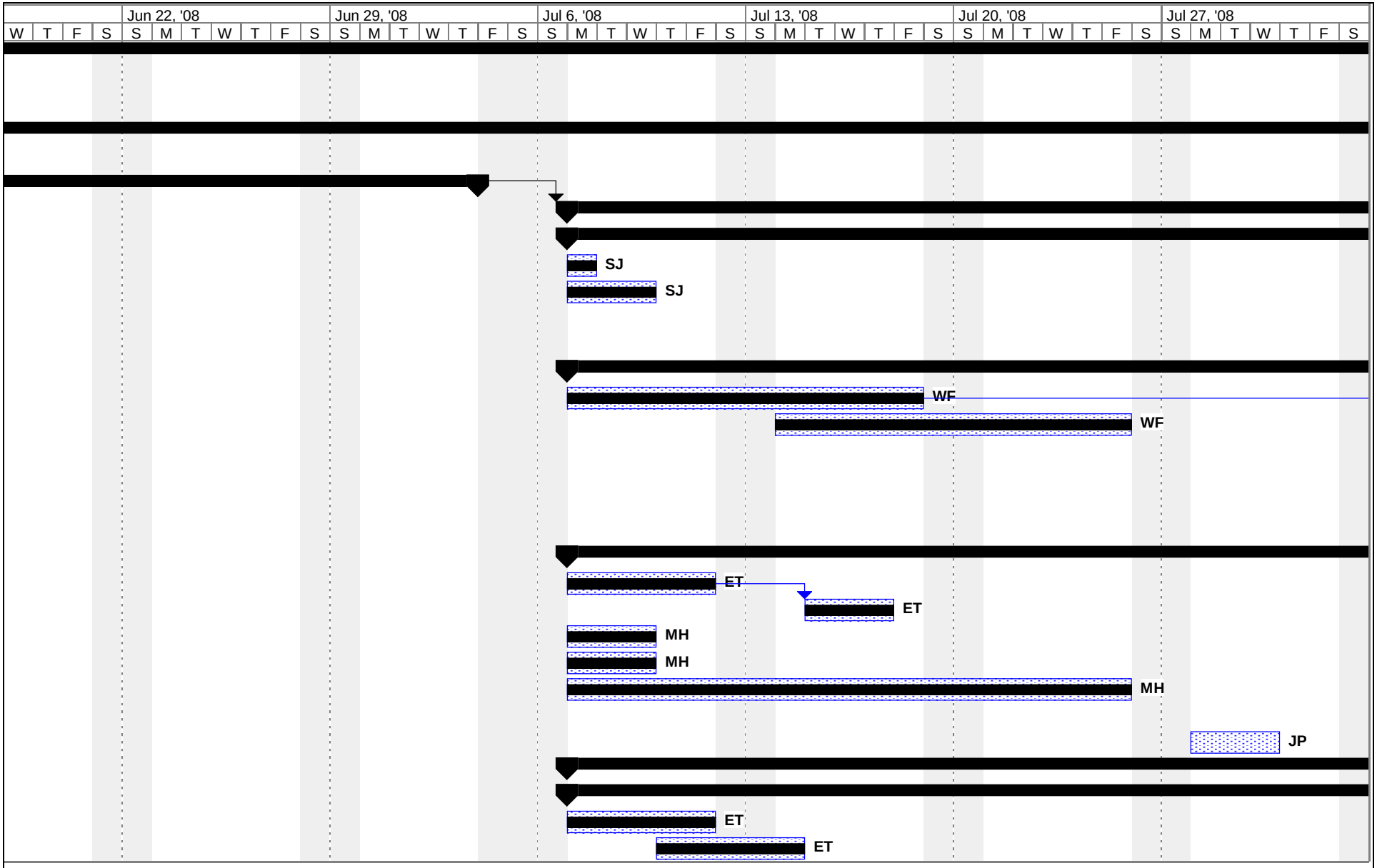

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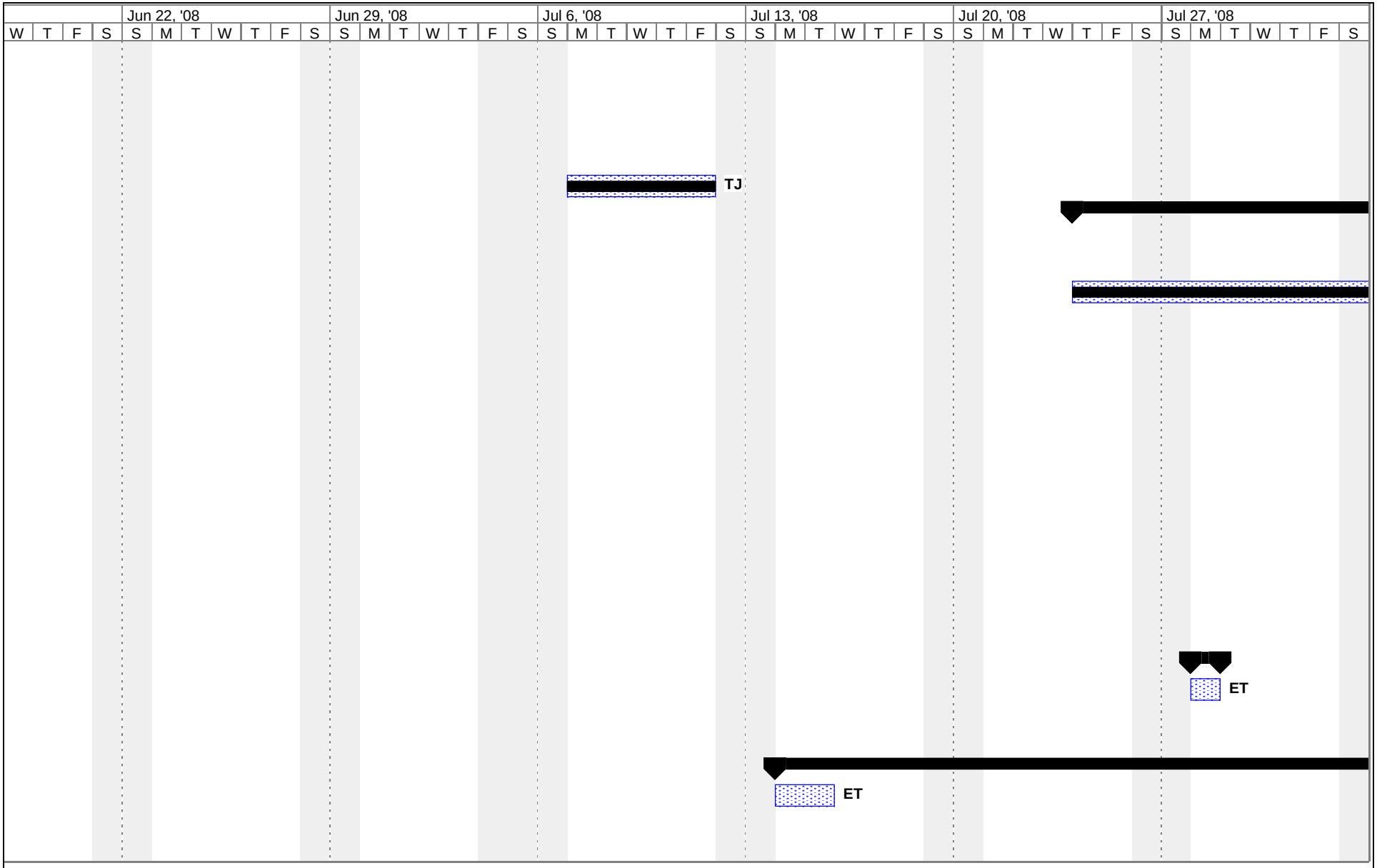

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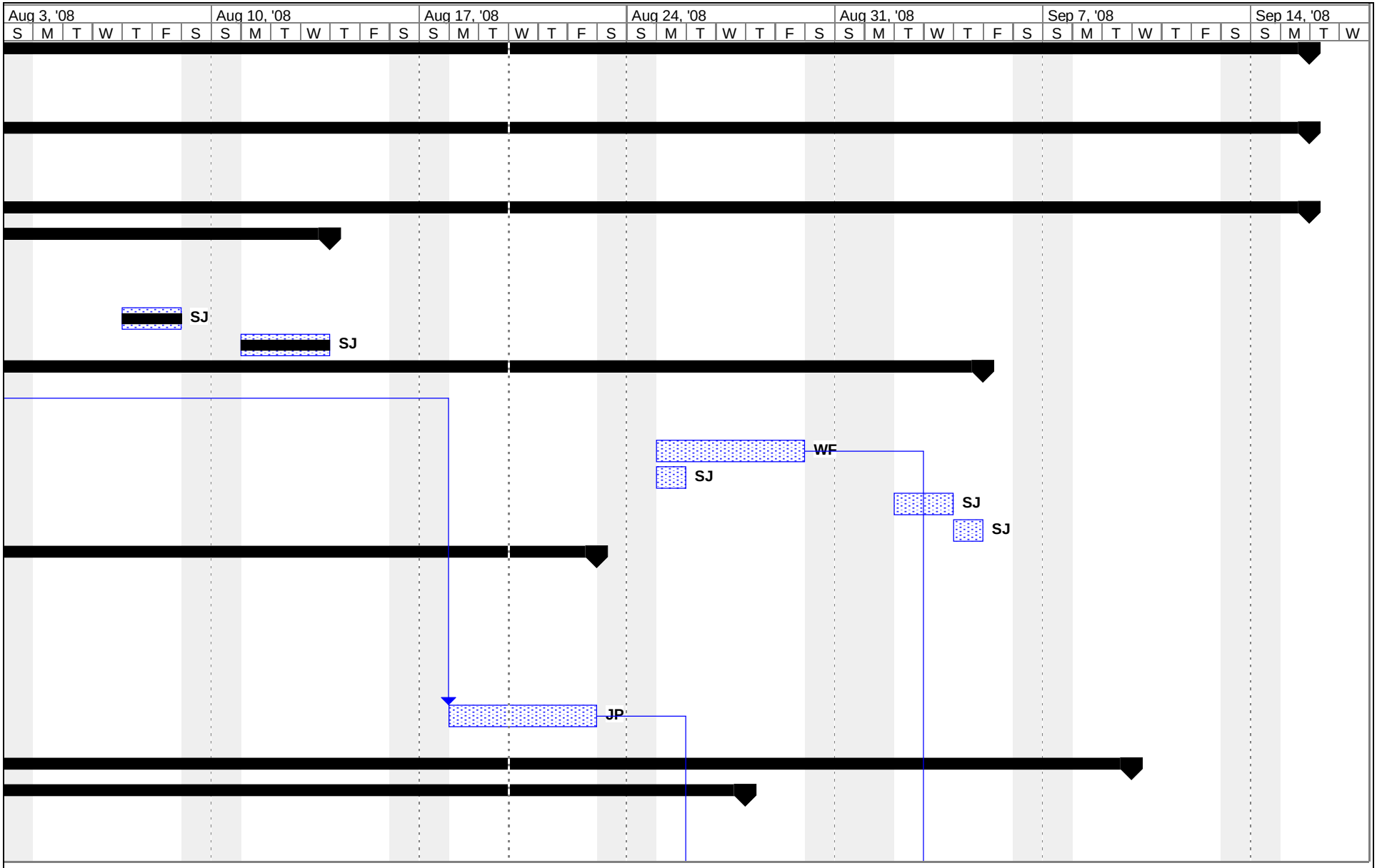

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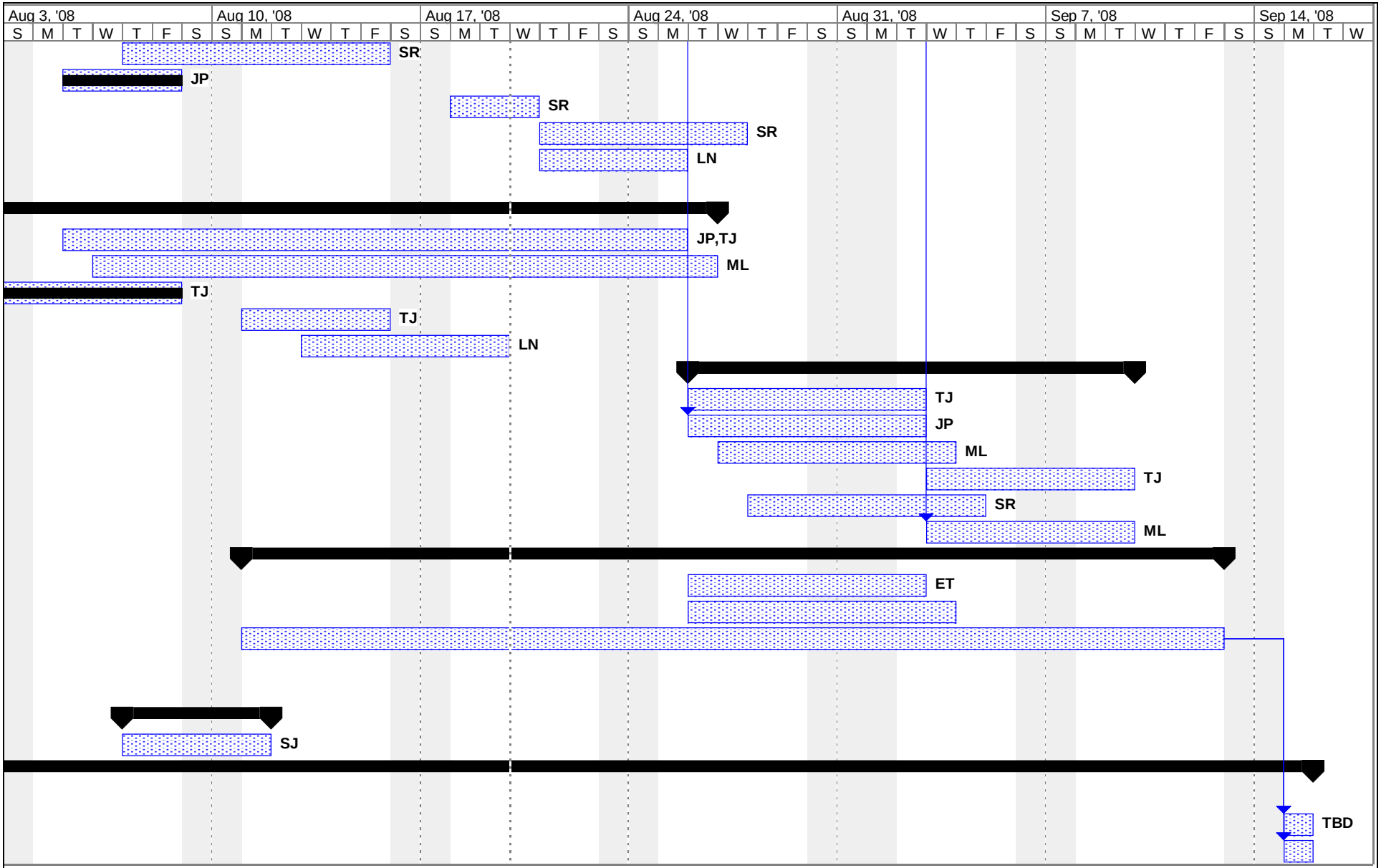

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