	Activity Name	Start Date	Finish Date	5	Sept 12		26	3	Oct 04 10 17	24	31	<b>Nov 04</b> 7 14	21	28 5	<b>Dec</b> (	19	26	2	<b>Ja</b> 9	n <b>05</b>	23	30	<b>Feb 05</b>	20
1	Cytoscape 2.1																							
2	Development																							
3	VizMapper  ▲ Node label color control (Nerius)	9/20/04	9/24/04				,																	
5	Graph Model and Operations	0/20/01	0.2 0																					
6	Layout features (Rob, Nerius, Chris W., Rowan)																							
7	▲ Layout selected nodes (Nerius, Rowan)	10/4/04	10/15/04																					
8	▲ Rotate selected nodes (Nerius, Rowan)  Edge Direction e.g., Undirected graph option This option would	10/18/04																						
9	change the way certain API functions are handled (e.g.	1/10/03	1/21/05																		,			
9	getNeighbors) and data are mapped (e.g. A pp B returns same data as B pp A).																							
10	Data																							
11	External Data [formerly Data Services] (Gary, Ethan,																							
	Chris, Mark, John Salama, Alex Pico)  A Direct cPath interface, Beta 2 (Ethan)	10/11/04	11/8/04																					
12 13	Species bundles (Gary)	10/11/04	11/6/04					4																
14	Data and menu options (like GenMAPP)																							
15	Support for SOFT (Ethan)		11/9/04									,												
16	Support for PSI-MI Level 2 (Ethan)	10/25/04										'												
17 18	Support for PSI-MI Level 2 (Ethan) Support for BioPAX Level 1 (Ethan)	12/27/04 12/27/04																			,			
19	Support for BioPAX Level 2 (Ethan)		1/21/05																	<del>-</del>	,			
20	Support for SBML (Rowan)																							
21	cPath Web Service Development, Version 1.0 - an external project, see: http://www.cbio.mskcc.org/cpath/	10/18/04	11/5/04																					
	http://www.cbio.mskcc.org/dev_site/cpath/										_													
22	▲ Performance																							
23	Goals  Development of a short list of performance measures (Rob)	10/26/04	11/3/04																					
25	Analysis/Design	. 5, 20, 04	1170/04																					
26	Benchmarking, performance characterization (Rob, Mark)																							
27	Graph loading (Rob, Mark)	11/5/04 1/31/05	11/11/04 2/2/05																					
28	Visualization (Rob, Mark)	11/5/04	11/11/04									<b>Y</b>												
29	Optimization/Implementation	1/31/05	2/2/05																					
30	Performance Optimization of GINY (Nerius)																							
31	Analyze run-time behavior and code for areas of improvement (Rob, Mark Nerius, Rowan, all)	11/12/04	12/3/04																					
32		11/26/04	1/31/05																			<del> </del> <del> </del> <del> </del> <del> </del> <del> </del>		
33	Benchmarking suite (also see #41)		1/31/05																					
34	Testing and Docs (Gary, Mark, Ethan, Rob,																							
35 36	Functional testing  J Unit - organize into test suites (Ethan will manage)	1/7/05	1/13/05																7					
37	Technical documentation (Ethan)		1710700																					
38	Set-up Maven development site		12/31/04																					
39	▲ On-line help system (Mark)	9/15/04	9/22/04		_																			
40	Creation of developer checklist for new code: javadoc, junit, code review (look for architecture points, easy optimizations,																							
	and general style), error checking  Coverage and performance testing	1/31/05	2/7/05																					
41	Documentation of complexity (big O notation) for all algorithms	1/31/03	2///03																					
42	in terms of time and memory, nodes and edges ( partial)	0/0/05	0/45/05																				A	
43	User documentation (Gary will manage)  Web site maintenance (Ethan will manage)	2/9/05	2/15/05 2/15/05																					
	Core architectural design / Interoperability	2711700	27.0700																					
45	(Califano, Mark, Rob)																							
46	▲ Headless mode		1/31/05																					
47	<ul> <li>▲ Progress Bar manager / threading control (Nerius)</li> <li>▲ Threading control / Task Framework (Ethan)</li> </ul>		10/15/04																					
48	"Taskify" expensive operations (Ethan)		55																					
50	Load SIF Files (Ethan)	1/24/05	1/24/05																					
51	Load GML Files (Ethan)	1/24/05																			<b>X</b>			
52 53	Load Node Attributes (Ethan)  Load Edge Attributes (Ethan)	1/25/05	1/25/05 1/25/05																					
53	Load Expression Data (Ethan)	1/25/05	1/25/05																					-
55	Save to SIF (Ethan)	1/26/05																						
56	Save to GML (Ethan)	1/26/05	1/26/05																		<u> </u>			
57 58	Save Node Attributes (Ethan)  Save Edge Attributes (Ethan)	1/26/05	1/26/05 1/26/05																					
59	Spring Embedded Layout (Ethan)	1/27/05																				7		
60	Y-Layouts (Nerius)	1/27/05	1/28/05																		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			
61	VizMap Stuff (Ethan)  Build system (ant) maintenance and management (Ethan)	1/27/05	1/28/05 2/4/05																		\\_\_\_\_\\\\\\\\\\\\\\\\\\\\\\\\\	7		
62 63	Build system (ant) maintenance and management (Ethan)  Bug Fixes	1/1//05	∠/ <del>4</del> /U5																					
64	xxx																							-
65	Enhancements																							
66	JAR file dependencies, manifest, nesting ( partial)	1/21/05	2/14/05																					
67 68	System Testing Release Preparation	1/01/05	∠ı ı+/∪3																					-
69	License check of libraries (Ethan)	1/31/05	2/4/05																					
70	Technical/user/web documentation check (Ethan, Gary)	2/8/05	2/14/05																					
71 72	Release documentation (Ethan will manage)  Release Notes (Mark)	1/31/05 2/1/05	2/10/05 2/10/05																					
73	Features List (Mark)	2/1/05	2/10/05																			+ 1		_
74	RC 1 (Ethan will manage)	2/1/05																				<u> </u>		
75	RC 2 (Ethan will manage)	2/11/05																					4	
76	Cytoscape 2.1 Release (FCS)	2/15/05			40	40	36	2	10 47	24	21	7 44	24	20 -	40	40	20	2		40	22	20	6 13	20
				່ວ	12	19	∠0	J	ιυ   1/	<b>∠4</b>	J I	14	<b>4</b> 1	<u> 20   5</u>	ΙZ	19	∠0		<sub> </sub>	10	∠3	JU	U IS	ZU