#	Activity Name	Start Date	Finish Date	Feb 05 · Mar 05 · Apr 05 · May 05 · Jun 05
1	**Cytoscape 2.2**	2/16/05	6/3/05	▽▬▬▬▬▬▬▬▬▬▬▬▬▽
2	**Development**			
3	**VizMapper**			
4	▲ Vizmapper updates (Nerius, Ryan, Ethan, Rod)			
5	Tooltip control (Nerius)			
6	Continuously map edge thickness (Nerius)			
7	Create selected attribute and map it (Nerius)			
8	How to fully vizmap filter results (if c1 then red, else if c2 then green, else stop) (Nerius)			
9	▲ Legend option for vizmapper (Nerius, Ethan)			
10	▲ Attribute to layout co-ordinates (Nerius)			
11	Multiple attribute to viz-mapping (Nerius)			
12	▲ Translucency (Nerius) ??? NEXT RELEASE ???			
13	Split dotted edge from thickness attribute (Nerius)			
14	▲ Saving visual styles explicitly add file location to preferences dialog and whether to append/overwrite f(project file) (Nerius)			
15	Text formatting			
16	Label text wrapping, position, and justification (Rowan, Gary)			
17	Smart formatting			
18	Change the label color to complement the node color (Rowan ?)			
19	Change the label position to minimally conflict with other labels (Rowan)			
20	Visualization modes			
21	Anti-aliasing (Nerius)			
22	Slow/detailed versus fast/abstract (Nerius, Rowan)			
23	**Graph Model and Operations**			
24	Layout features (Rob, Nerius, Chris W., Rowan)			
25	Attribute-constrained layout (Nerius, Rowan)			
26	Background images (Rowan)			
27	Node grouping inside of boxes			
28	Multiple edges			
29	▲ Graph editor (Nerius/Rowan)			
30	Node/edge creation/deletion (Nerius,Rowan)			
31	Node/edge attributes (Nerius,Rowan)			
32	Node/edge visual properties (Nerius, Rowan)			
33	Lockable attributes (Nerius,Rowan)			
34	Library of graph algorithms (like LEDA) put in CVS common repository (Rob)			
35	FindConnectedComponents (Rob)			
36	DFS / BFS			
37	Dijkstra's algorithm / All Pairs Shortest Paths			
38	MinSpanningTree			
39	MaxFlow / MinCut algorithm			
40	▲ Node duplication / identity; f(GraphObjAttributes), node identifies, multiple labels/node			
41	▲ Intersection/Union/Difference between loaded networks			
42	**Data**			
43	External Data [formerly Data Services] (Gary, Ethan, Chris, Mark, John Salama, Alex Pico)			
44	Internal Data			
45	New file formats / CYF format / Project manager (Chris, Mark)			
46	Import formats			
47	Export formats			
48	Native format (saving/restoring project state, etc)			
49	GraphObjAttributes / ExpressionData merging and refactor (Mark)			
50	Most recently-used directories and files (Rowan)			
51	Save all Cytoscape state as a project file (Chris, Rowan)			
52	▲ Refactor attributes browser GUI (Mark)			
53	▲ **Performance**			
54	**Testing and Docs (Gary, Mark, Ethan, Rob,**			
55	Functional testing			
56	J Unit - functional (Ethan will manage)			
57	Technical documentation (Ethan)			
58	Set-up Maven development site (Ethan)			
59	Update, creation of new online help documentation			
60	Creation of developer checklist for new code: javadoc, junit, code review (look for architecture points, easy optimizations, and general style), error checking			
61	Coverage and performance testing			
62	Documentation of complexity (big O notation) for all algorithms in terms of time and memory, nodes and edges			
63	User documentation (Gary will manage)			
64	Web site maintenance (Ethan will manage)			
65	**Core architectural design / Interoperability (Califano, Mark, Rob)**			
66	Abstract Plug-in API (Rob)			
67	Cytoscape API / Integration			
68	▲ Undo and repeat manager (Nerius, Mark)			
69	External cut/paste for networks (Copy as... gif/sif)			
70	▲ Preferences handling and dialog box (Nerius)			
71	Location of various definition files [e.g. visual styles, filter definitions, plugins directory] f(project file) (Nerius)			
72	Default sizes and locations of Cytoscape on the screen (Nerius)			
73	Toolbar customization (Nerius)			
74	Build system (ant) maintenance and management (Ethan)			
75	**Bug Fixes**			
76	xxx			
77	**Enhancements**			
78	yyy			
79	**System Testing**			
80	**Release Preparation**			
81	License check of libraries (Ethan)			
82	Technical/user/web documentation check (Ethan, Gary)			
83	Documentation (Ethan will manage)			
84	RC 1 (Ethan will manage)			
85	RC 2 (Ethan will manage)			
86	**Cytoscape 2.2 Release (FCS)**	6/3/05		▽
87				
88	▲ High Priority Activities are in RED			

Timeline week labels: 13 20 27 | 6 13 20 27 | 3 10 17 24 | 1 8 15 22 29 | 5 12 19 26