
Project Management Tools for Scheduling

By

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Introduction

- Will present two scheduling tools
 - Tools represent two extremes (kind of!)
 - Scope
 - Interface
 - Versatility
 - Scalability
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- General-purpose scheduling tool
 - Doesn't suggest any particular tasks
 - Stand alone (not Web- or Excel-based)
 - Uses Gantt charts
 - Pays special attention to how things *look*
 - Variety of color schemes
 - Variety of ways to place text and numbers
 - Variety of colors and shapes of bars
 - You can download a fully functional trial copy
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Page 1 of 1

12

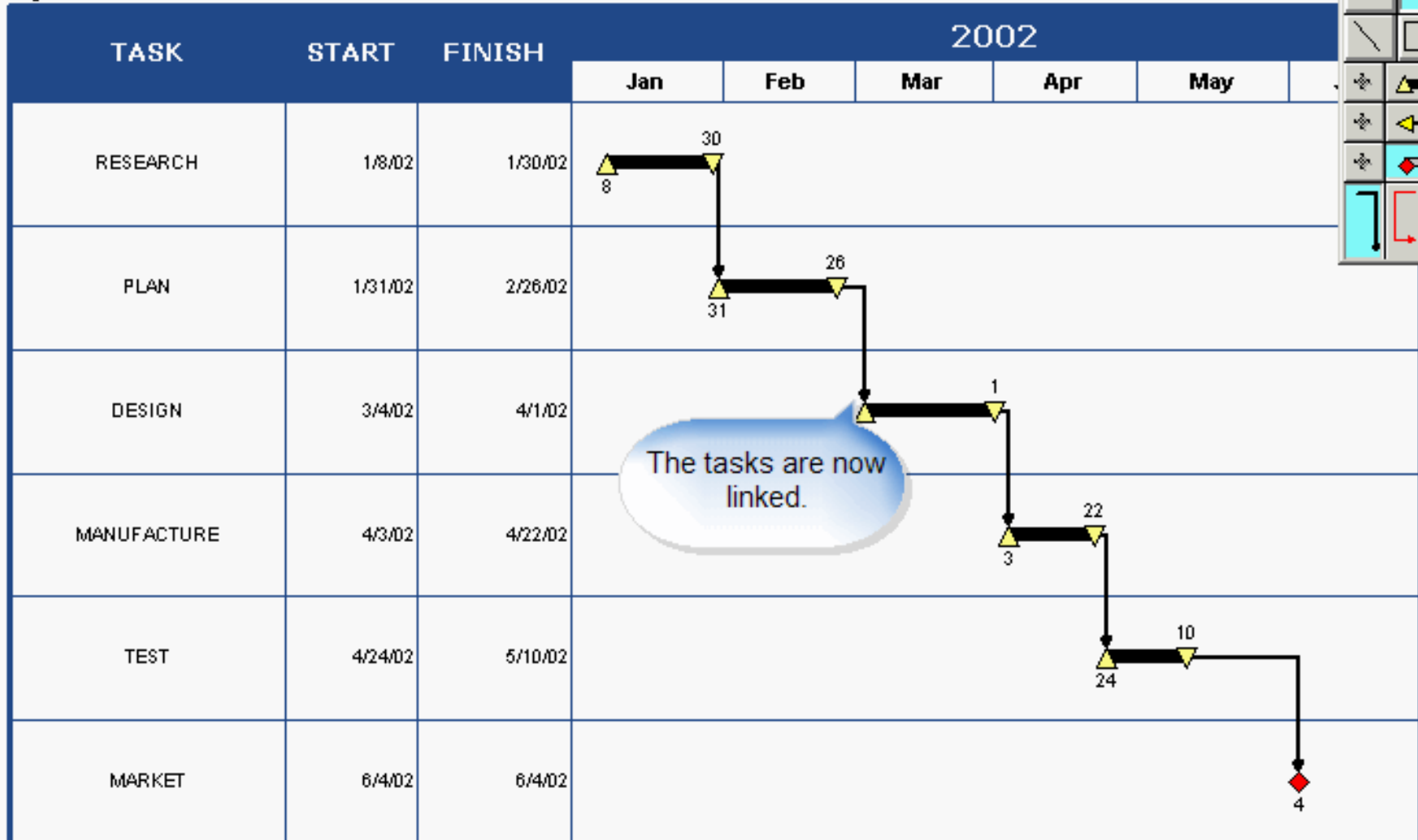
TASK	START	FINISH	2002				
			Jan	Feb	Mar	Apr	May
RESEARCH	1/8/02	1/30/02					
PLAN	1/31/02	2/26/02					
DESIGN	3/4/02	4/1/02					
MANUFACTURE	4/3/02	4/22/02					
TEST	4/24/02	5/10/02					
MARKET	6/4/02	6/4/02					

ToolBox

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Page 1 of 1

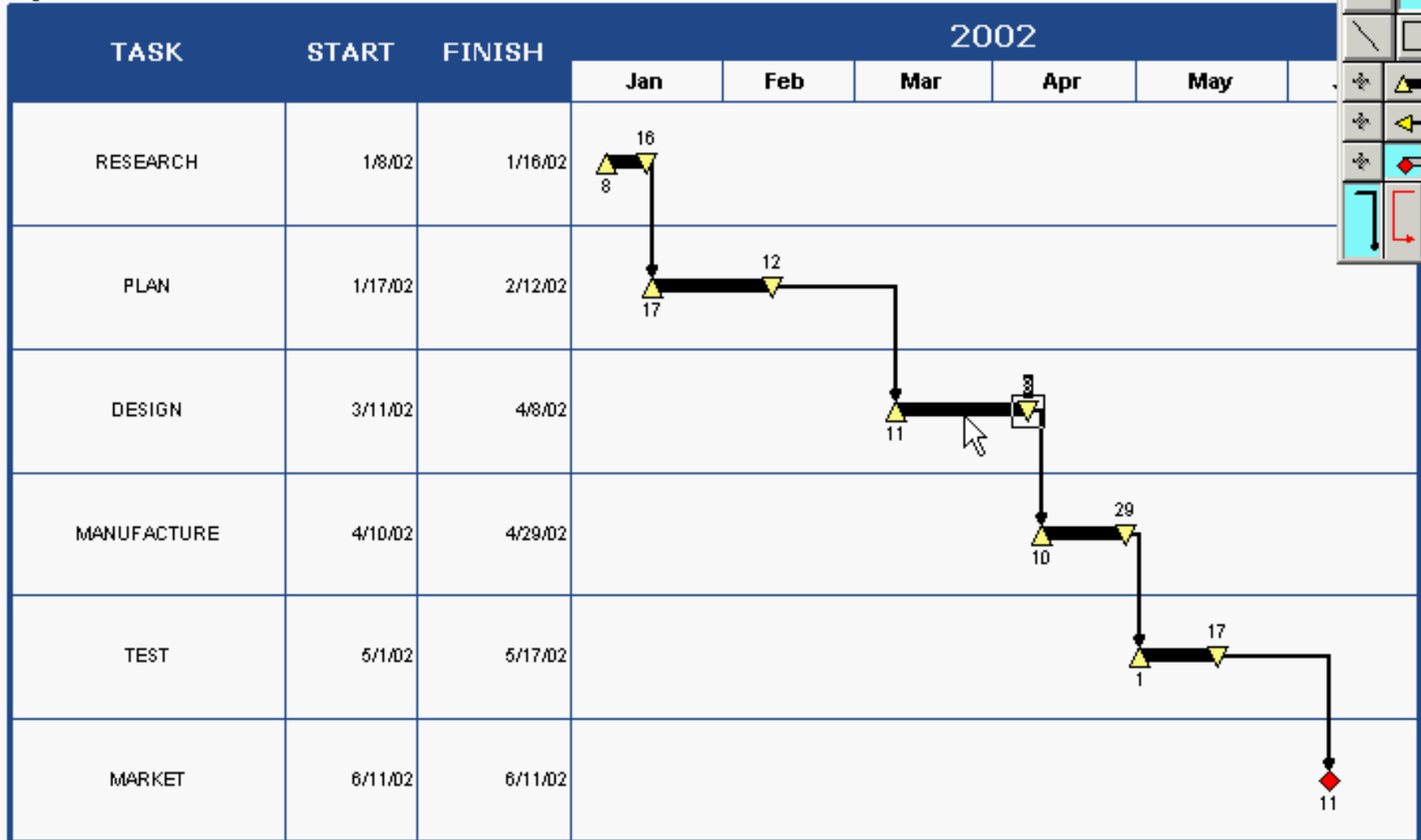
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Page 1 of 1

12



ToolBox

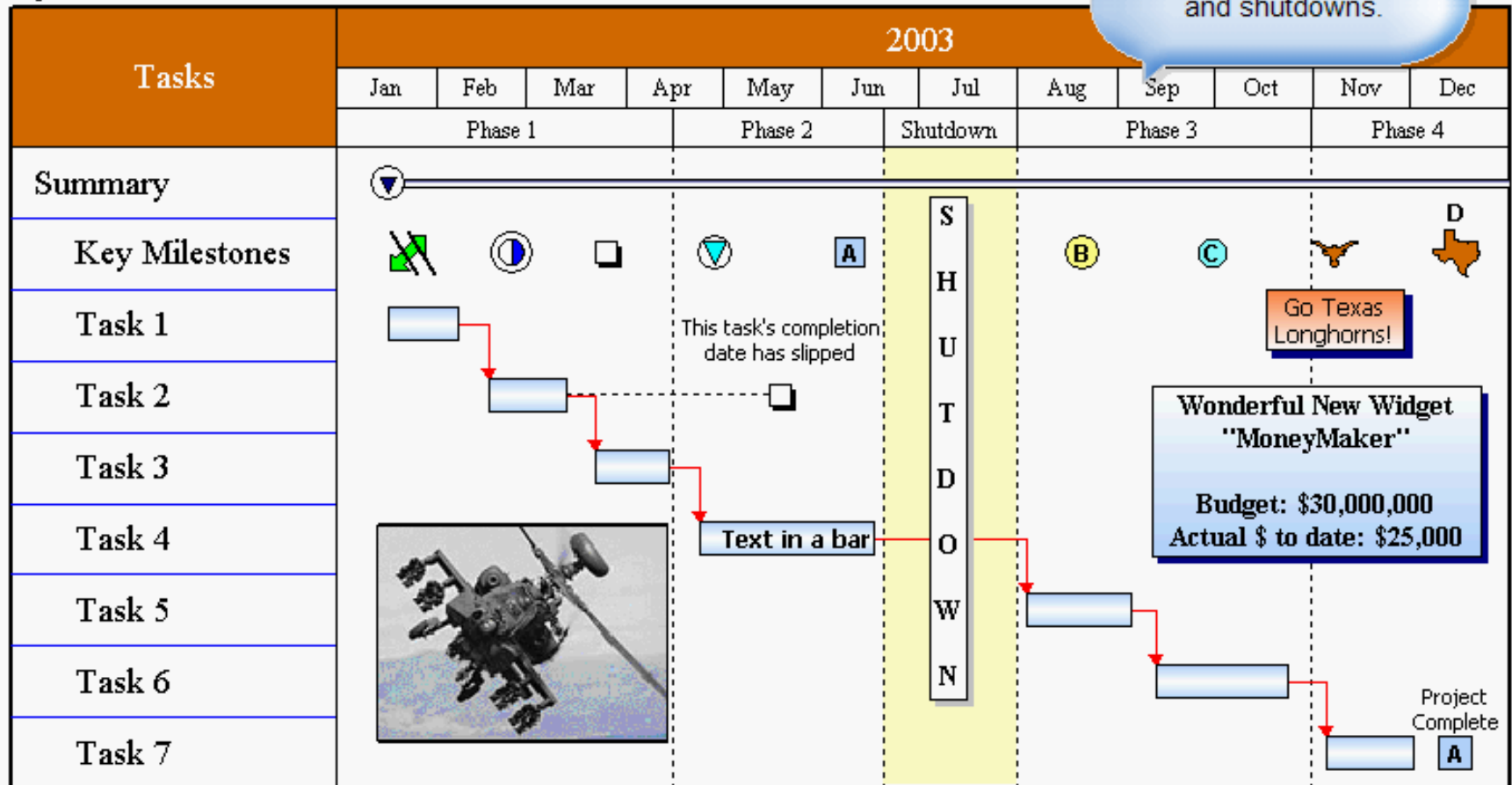
- + (Add)
- ↖ (Move)
- T (Text)
- ↘ (Delete)
- (Rectangle)
- (Circle)
- ↔ (Horizontal Arrow)
- ↕ (Vertical Arrow)
- ↔ (Double Arrow)
- ↕ (Double Arrow)
- ↖ (L-shaped Arrow)
- ↘ (L-shaped Arrow)
- ↖ (L-shaped Arrow)
- ↘ (L-shaped Arrow)

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**Wonderful New Widget
 \$\$\$ "MoneyMaker" \$\$\$**

*Custom date headings
 can show important
 project phases, vacations
 and shutdowns.*

Page 1 of 1



**Wonderful New Widget
 "MoneyMaker"**
 Budget: \$30,000,000
 Actual \$ to date: \$25,000

Go Texas Longhorns!

This task's completion date has slipped

Text in a bar

Project Complete

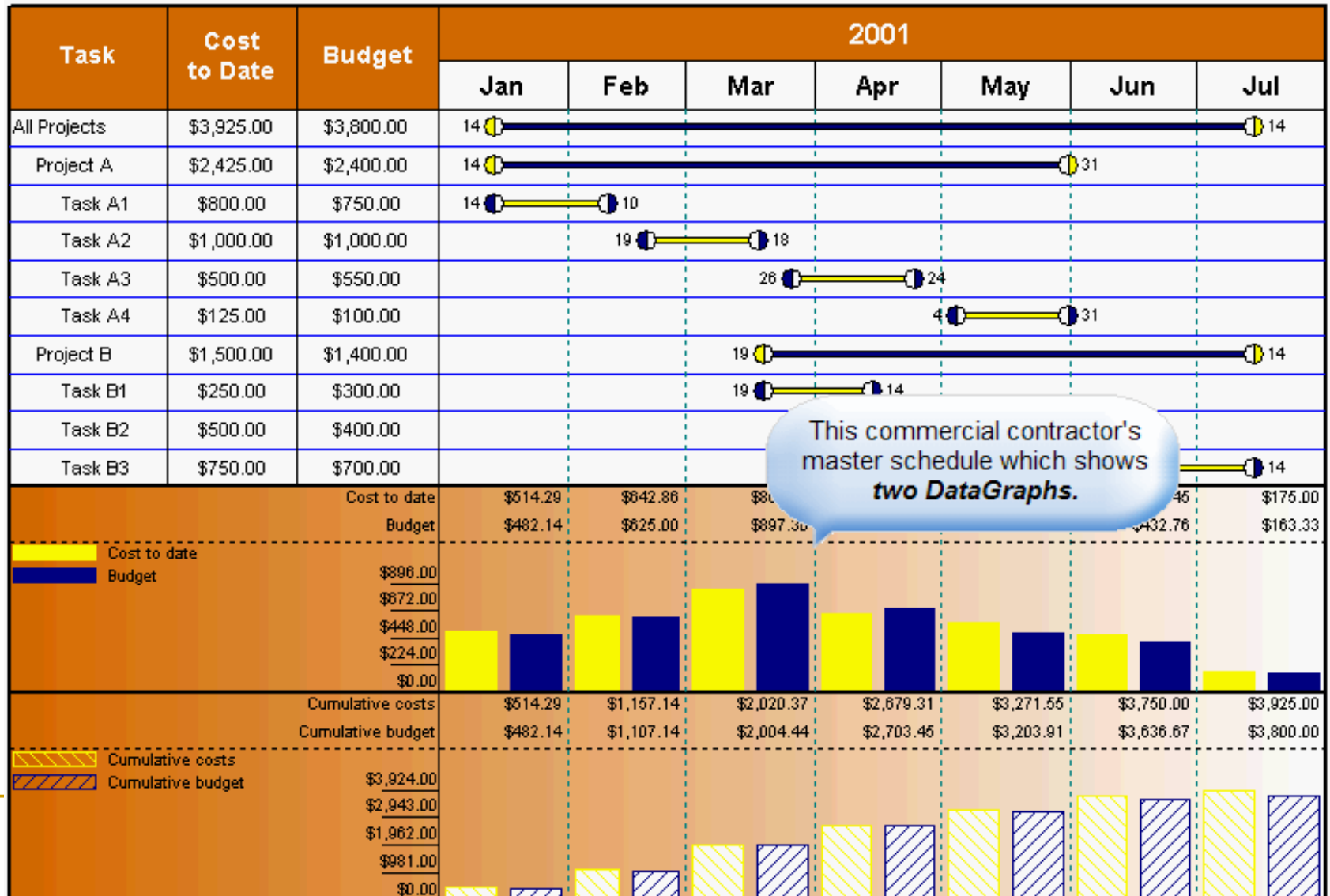
Summary

Current Plan

Slip

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Construction Company Projects



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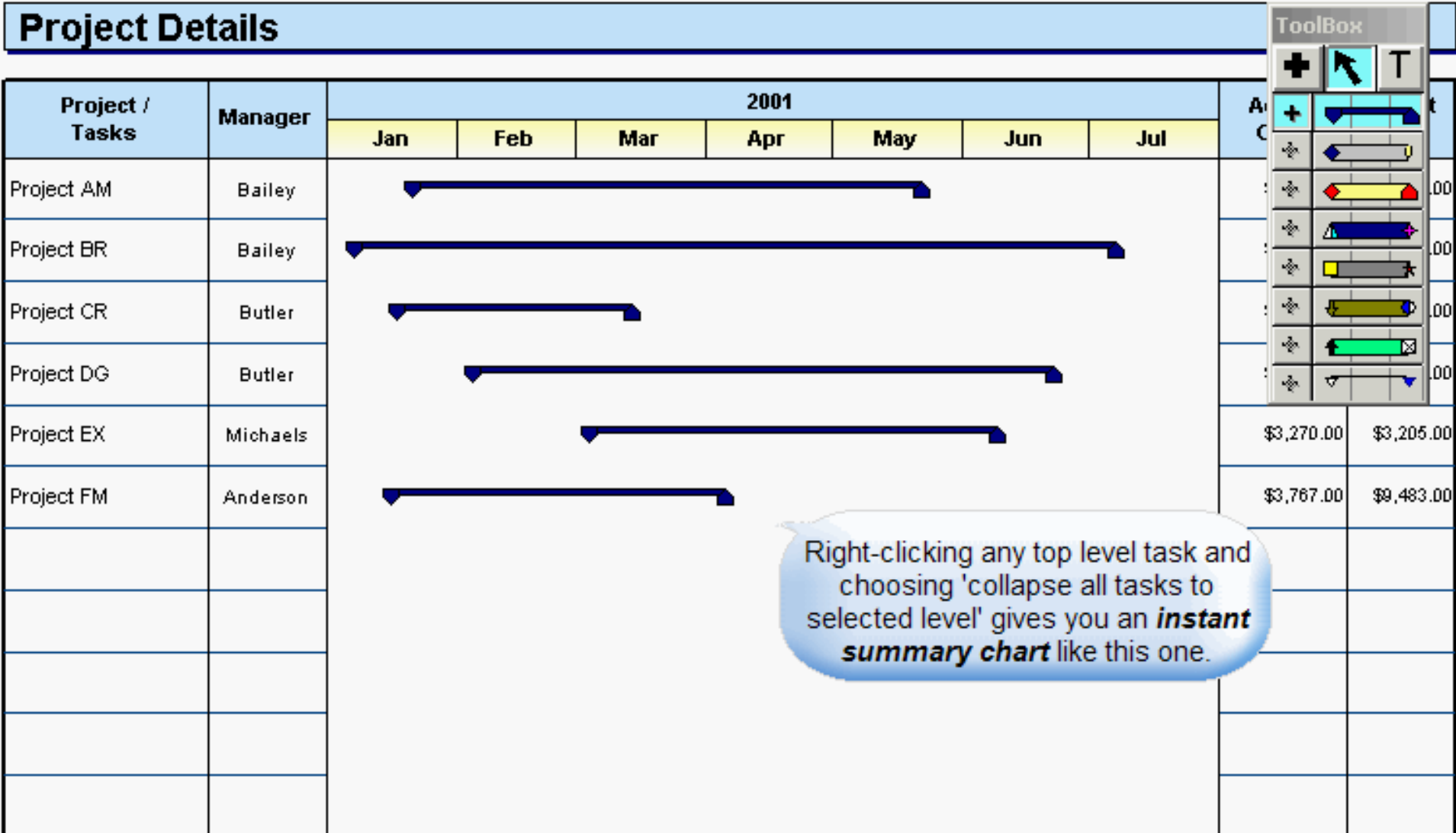
Project Details

page *outlined* schedule.

ToolBox

Project / Tasks	Manager	2001							A	C	t
		Jan	Feb	Mar	Apr	May	Jun	Jul			
Project AM	Bailey										
Task AM-1	Butler										0.00
Task AM-2	Butler										0.00
Task AM-3	Gibson										0.00
Project BR	Bailey								\$2,725.00	\$2,750.00	
Task BR-1	Daniels								\$1,000.00	\$1,250.00	
Task BR-2	Boyd								\$850.00	\$800.00	
Task BR-3	Barbera								\$675.00	\$500.00	
Task BR-4	Barbera								\$200.00	\$200.00	
Project CR	Butler								\$6,167.00	\$6,173.00	
Task CR-1	Sanders								\$1,000.00	\$1,250.00	

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Schedule

9/18/01

The individual project schedules can be on the same computer, on a server, or on team member's computers.

Projects		2000												Cost
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Project 1	Powell													\$65,391.00
Task 1														\$34,234.00
Task 2														\$12,354.00
Task 3														\$9,543.00
Task 4														\$4,030.00
Task 5														\$2,000.00
Task 6														\$3,230.00
Project 2	Cheney													\$166,430.00
Task 1														\$5,043.00
Task 2														\$54,354.00
Task 3														\$39,543.00
Task 4														\$5,030.00
Task 5														\$1,000.00
Task 6														\$6,230.00
Task 7														\$55,230.00
Project 3	Bush													\$322,200.00
Task 1														\$35,043.00
Task 2														\$24,354.00
Task 3														\$19,543.00
Task 4														\$54,030.00
Task 5														\$134,000.00
COST														
														500000.00
														250000.00
														0.00

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Condo Project

PHASE	2001					2002		% WORK REMAINING	% OF \$ REMAINING	PERFORMANCE INDICATOR
	A	S	O	N	D	F	M			
Gas Hookup								22%	44%	
Cabinets Plus								33%	10%	
Hardwood Floors								44%	55%	
Inserts								33%	44%	
Sprinkler System								33%	33%	
Electrical								44%	99%	
Plumbing								33%	88%	
Stainless Steel Hood								33%	33%	
Mirrors + Doors								33%	33%	
Garage doors								44%	22%	

This schedule lets a contractor see the status of each of all project phases with a quick glance.

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Budget Juggling

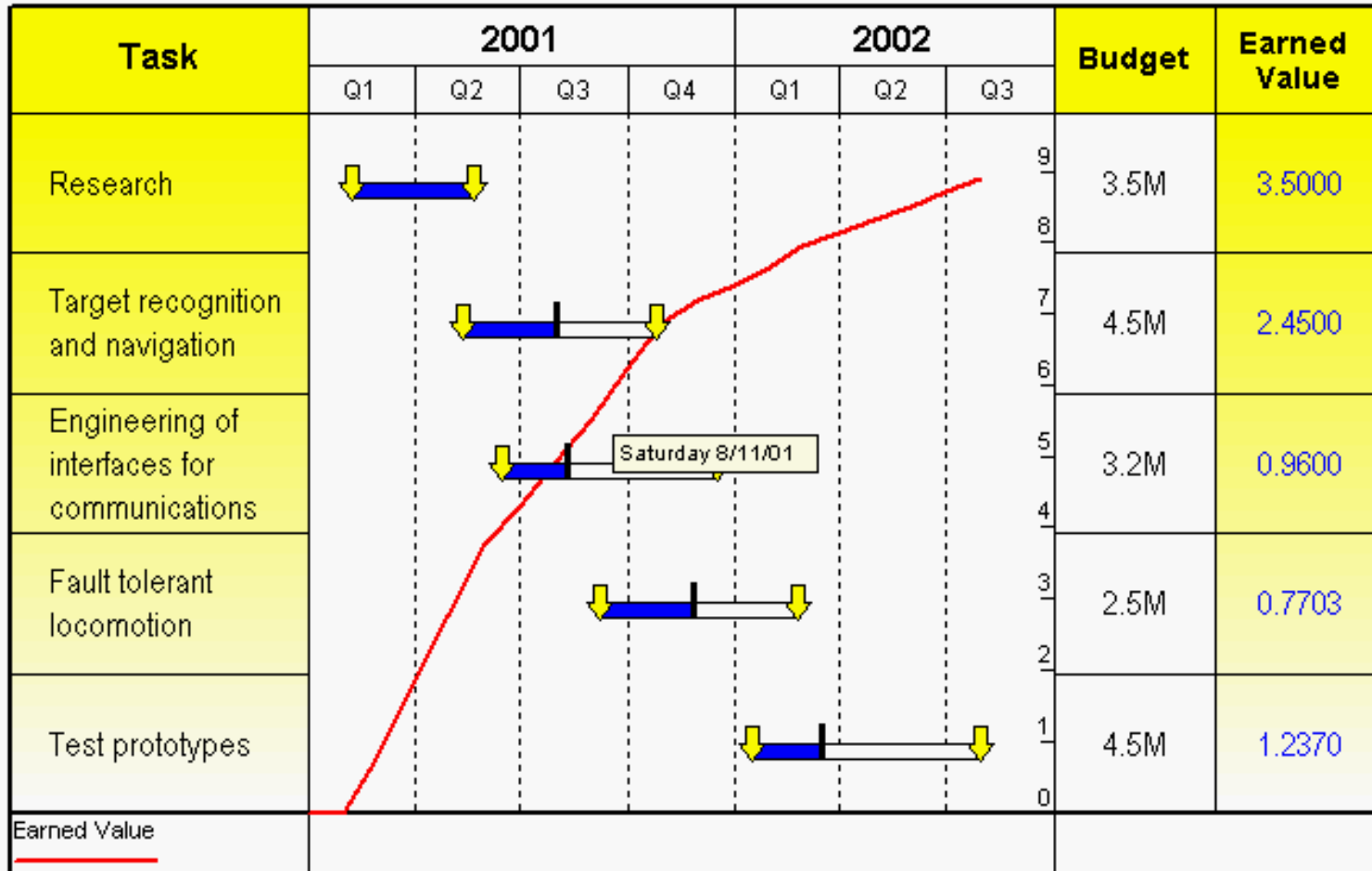
Tasks	2001	2002				Costs
	December	January	February	March	April	
Logo	● \$4,000.00					\$4,000.00
Product Packaging	● \$2,000.00	● \$3,000.00				\$5,000.00
Brochure			● \$3,000.00			\$3,000.00
Promo CD	● \$5,000.00					\$5,000.00
User Manual				● \$3,400.00		\$3,400.00
Press Release Template		● \$1,000.00				\$1,000.00
Press Activities		● \$3,000.00	● \$3,000.00		● \$3,000.00	\$9,000.00
Press Tour	● \$3,000.00	● \$3,000.00	● \$3,000.00	● \$3,000.00		\$12,000.00
Government		● \$5,000.00				\$5,000.00
Web Site		● \$5,500.00				\$8,740.00
Case Studies	● \$3,424.00	● \$6,000.00			● \$3,214.00	\$13,593.00
Costs	\$24,000.00	\$12,000.00	\$0.00	\$0.00	\$0.00	

Monthly totals are shown on this **DataGraph**.

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The detailed schedule.

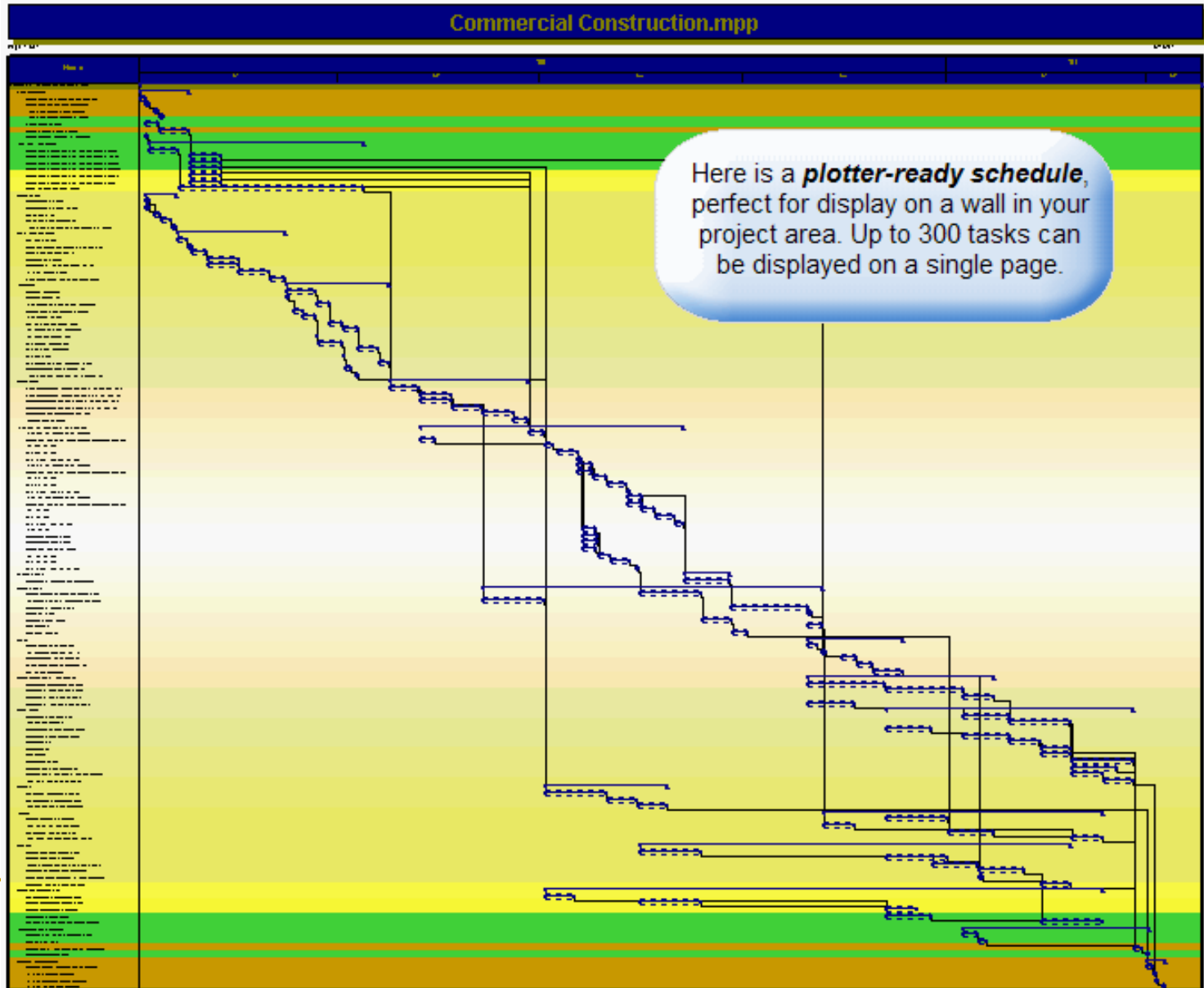
Biomimetic Systems Project



What is Earned Value?

- Earned Value is an objective measurement of how much work has been accomplished on a project.
 - *Earned Value, Performance Measurement, Management by Objectives, and Cost Schedule Control Systems* are synonymous terms
 - Earned Value compared with planned value provides a work accomplished against plan
-

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Project Status Report

3/18/02

Task	% Complete	2002				Hours	Cost/ Hour	Cost	Budget	Variance
		Jan	Feb	Mar	Apr					
Project Totals	90%					1189	\$530.00	\$86,490.00	\$83,600.00	
Research	100%							\$17,000.00	\$17,000.00	
Team 1	100%							\$5,000.00	\$5,000.00	
Team 2	100%					150	\$75.00	\$11,250.00	\$12,000.00	
Development 1	100%					200	\$78.00	\$15,600.00	\$15,600.00	
Development 2	82%					300	\$52.00	\$15,600.00	\$16,000.00	
Manufacturing	70%					324	\$85.00	\$27,540.00	\$20,000.00	
Testing	100%					115	\$100.00	\$11,500.00	\$10,000.00	
Delivery	0%					0	\$90.00	\$0.00	\$5,000.00	

Here's a contractor's presentation schedule.

Plan and Control Master

- Software development project management tool
 - Excel based
 - Uses question and answer to collect information (e.g. in project initiation)
 - Collects information about pre-defined items. For example:
 - Project justification
 - Project tasks
 - Cost items
 - Can download a read-only version.
-

Where can you find these two tools?

- Milestones Professional:
<http://www.kidasa.com/>
 - Plan and Control Master:
<http://www.itbusinessstools.com/>
-

Wondering how you should rate this presentation?

- 100% seems like a nice number 😊

