

A novel way to manage research projects

Team 1337

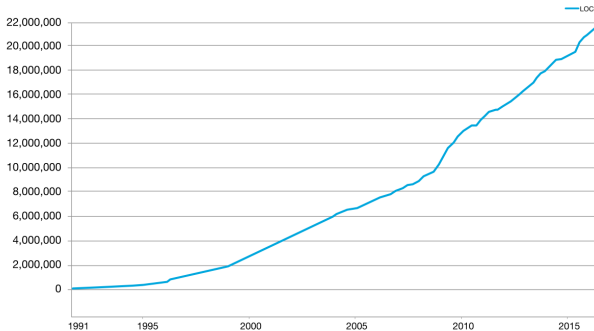
January 9, 2018

From Computer History classes...

SYSTEM/360 SUMMARY STATUS REPORT 05/360 LANGUAGE PROCESSORS * SERVICE PROGRAMS AS OF FEBRUARY 01, 1965												
A=APPROVAL C=COMPLETED	PROJECT	LOCATION	COMMITMENT ANNOUNCE RELEASE	OBJECTIVE AVAILABLE APPROVED	SPECS AVAILABLE APPROVED	SRL AVAILABLE APPROVED	ALPHA TEST ENTRY EXIT	COMP TEST START COMPLETE	SYS TEST START COMPLETE	**REVISED PLANNED DATE NE=NOT ESTABLISHED		
										BULLETIN AVAILABLE APPROVED	BETA TEST ENTRY EXIT	
OPERATING SYSTEM												
12K DESIGN LEVEL (E)												
	ASSEMBLY	SAN JOSE	04/--/6 12/31/5	C	10/28/4 C	10/13/4 01/11/5	C	11/13/4 11/18/4	C	01/15/5 02/22/5		09/01/5 11/30/5
	FORTRAN	POK	04/--/6 12/31/5	C	10/28/4 C	10/21/4 01/22/5	C	12/17/4 12/19/4	C	01/15/5 02/22/5		09/01/5 11/30/5
	CODOL	ENDICOTT	04/--/6 12/31/5	C	10/28/4 C	10/15/4 01/20/5	C	11/17/4 12/08/4	C	01/15/5 02/22/5		09/01/5 11/30/5
	RP6	SAN JOSE	04/--/6 12/31/5	C	10/28/4 C	09/30/4 01/05/5	C	12/02/4 01/18/5	C	01/15/5 02/22/5		09/01/5 11/30/5
	UTILITIES	TIME/LIFE	04/--/6 12/31/5	C	06/24/4 C			11/20/4 11/30/4	A			09/01/5 11/30/5
	SORT 1	POK	04/--/6 12/31/5	C	10/28/4 C	10/19/4 01/11/5	C	11/12/4 11/30/4	C	01/15/5 03/22/5		09/01/5 11/30/5
	SORT 2	POK	04/--/6 06/30/5	C	10/28/4 C	10/19/4 01/11/5	C	11/12/4 11/30/4	C	01/15/5 03/22/5		03/01/5 05/30/5
44K DESIGN LEVEL (F)												
	ASSEMBLY	SAN JOSE	04/--/6 12/31/5	C	10/28/4 C	10/13/4 01/11/5	C	11/13/4 11/18/4	C	02/15/5 02/22/5		09/01/5 11/30/5
	CODOL	TIME/LIFE	04/--/6 06/30/5	C	10/28/4 C	10/15/4 01/20/5	C	11/17/4 12/08/4	C	02/15/5 03/22/5		03/01/5 05/30/5
	NPL	HURSLEY	04/--/6 03/31/6	C	10/28/4 C							
	2200	KINGSTON	03/30/4 03/31/6	C	11/05/4 C	12/08/4 01/04/5	C	01/12/5 01/29/5	C	01/04/5 01/29/5		01/03/6 NE
	2200	KINGSTON	06/30/4 09/30/6	C	11/05/4 C					04/01/5 04/30/5		01/28/6 NE
200K DESIGN LEVEL (H)												
	ASSEMBLY	TIME/LIFE			10/28/4	C						
	FORTRAN	POK	04/--/6 06/30/6	C	10/28/4 C	10/10/4 01/11/5	C	11/11/4 12/10/4	C	02/15/5 03/22/5		03/01/5 05/30/5
	NPL	HURSLEY	04/--/6 03/31/7	C	10/28/4 C					07/--/5		01/--/7
	NPL H	POK	04/--/6	C	03/30/4	C				02/01/5 04/01/5		10/15/5 12/15/5

...to Linux kernel development

Total Lines of Code in the Linux Kernel



Our solutions, why?

The project management process includes a lot of paperwork and/or emailing.

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Manager is tired because it's *slow* and *boring*.

Is there a way to manage them efficiently, and as convinient as possible?

→ Yes, use our *software*.

Advantages:

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- Overall statistics (a look at the big picture).
- And a nice interface that makes life much more easier.

System requirements

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Minimum:

- CPU: Intel Pentium II
- CPU speed: 266 MHz
- RAM: 128 MB
- Free disk space: 150 MB

System requirements

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- CPU: Intel Pentium II
- CPU speed: 266 MHz
- RAM: 128 MB
- Free disk space: 150 MB

Recommended:

- CPU: Intel Pentium IV
- CPU speed: 1.7GHz
- RAM: 512 MB
- Free disk space: 500 MB
- ~~Video card: Nvidia GeForce 310 M~~

Initial screen

File Tool Help

Choose a project:

Detailed Information

Name:

Department:

Leader:

Members:

Budget:

Income:

Profit:

Start date:

Finish date:

Dept.	Name	Members	Budget	Income	Finish	%Done
FST	2nd order PDEs: geometric and functional ...	7	14000	4000	2019-01-06	20
SA	Accelerated Sparse Subspace Clustering	25	5750	19250	2019-09-10	0
ICT	Acceleration of tensor-product operations ...	18	23750	25000	2020-05-07	40
ICT	Accountability of AI Under the Law: The R...	21	18750	48750	2018-06-15	60
PMAB	A Characterization of Absolutely Minimum...	37	34250	13500	2019-06-13	10
ICT	A class of C*-algebraic locally compact qu...	38	1250	11500	2022-09-20	100
AMSN	A Comparison of Feature-Based and Neur...	27	7750	25750	2021-03-27	0
WEO	A Computer Vision System to Localize and...	32	36250	43500	2019-09-22	40

Add

Edit

Delete

Select project

File

Tool

Help

An optical metamixer

Detailed Information

Name: An optical metamixer

Department: WEO

Leader: Bùi Tuấn Sơn

Members:

Bùi Tuấn Sơn, Trần Loan Trịnh,
Tăng Đào Hải, Trần Khang
Vương, Phùng Loan Đức Mai,
Phùng Sa Đoàn, Bùi Phong


Budget: 13,750 \$/month

Income: 6,250 \$/month

Profit: -7,500 \$/month

Start date: 2017-09-04

Finish date: 2018-03-13 (est.)



De...▲	Name	Members	Budget	Income	Finish	%Done
FST	Two sources of poor coverage of confiden...	32	29750	26000	2018-10-30	30
FST	Updating the VESICLE-CNN Synapse Detec...	19	32000	20250	2019-08-25	80
FST	Word problems in Elliott monoids	31	29250	28250	2014-06-16	100
ICT	Acceleration of tensor-product operations ...	18	23750	25000	2020-05-07	40
ICT	Accountability of AI Under the Law: The R...	21	18750	48750	2018-06-14	60
ICT	A class of C*-algebraic locally compact qu...	38	1250	11500	2022-09-20	100
ICT	Active Learning for Visual Question Answe...	27	39750	6750	2020-05-23	10

Add

Edit

Delete

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Finished project

File
Tool
Help


Active Clothing Material Perception using Tactile Sensing and Deep Learning

Detailed Information

Name: Active Clothing Material Perception u...
Department: SA
Leader: Đinh Vinh Thị Vương
Members:

Đinh Vinh Thị Vương, Lê Nhung
Thắm, Ngô Dương Đức Tô, Hồ
Sơn Đỗ, Ngô Đình Văn, Tăng
Dương Kim, Đặng Thảo Phan, Tô

Budget: 8,750 \$/month
Income: 38,250 \$/month
Profit: 29,500 \$/month
Start date: 2013-12-27
Finish date: 2014-05-26



Dept.	Name	Members	Budget	Income	Finish	%Done
PMAB	A Characterization of Absolutely Minimum...	37	34250	13500	2019-06-12	10
ICT	A class of C*-algebraic locally compact qu...	38	1250	11500	2022-09-20	100
AMSN	A Comparison of Feature-Based and Neur...	27	7750	25750	2021-03-27	0
WEO	A Computer Vision System to Localize and...	32	36250	43500	2019-09-20	40
FST	A control analysis perspective on Katz cen...	7	41500	10750	2018-04-26	60
SA	Active Clothing Material Perception using ...	35	8750	38250	2014-05-26	100
ICT	Active Learning for Visual Question Answe...	27	39750	6750	2020-05-23	10
PMAB	A flowing pair of particles in inertial microf...	13	47500	27250	2018-09-23	30

Add
Edit
Delete

Profitable project

File
Tool
Help


Accountability of AI Under the Law: The Role of Explanation

Detailed Information

Name: Accountability of AI Under the Law: T...
Department: **ICT**
Leader: Dương Văn Tăng
Members:

Dương Văn Tăng, Tăng Thẩm Nhân, Tô Bửu Thắng, Đinh Dung Văn Đỗ, Vũ Hữu Hoàng Mai, Lý Hoàng Ngọc, Phùng Bửu Dung,

Budget: 18,750 \$/month
Income: 48,750 \$/month
Profit: 30,000 \$/month
Start date: 2016-10-02
Finish date: 2018-06-14 (est.)



Dept.	Name	Members	Budget	Income	Finish	%Done	
FST	2nd order PDEs: geometric and functional ...	7	14000	4000	2019-01-04	20	
SA	Accelerated Sparse Subspace Clustering	25	5750	19250	2019-09-10	0	
ICT	Acceleration of tensor-product operations ...	18	23750	25000	2020-05-07	40	
ICT	Accountability of AI Under the Law: The R...	21	18750	48750	2018-06-14	60	
PMAB	A Characterization of Absolutely Minimum...	37	34250	13500	2019-06-12	10	
ICT	A class of C*-algebraic locally compact qu...	38	1250	11500	2022-09-20	100	
AMSN	A Comparison of Feature-Based and Neur...	27	7750	25750	2021-03-27	0	
WEO	A Computer Vision System to Localize and...	32	36250	43500	2019-09-20	40	

Add
Edit
Delete

Future project

FileToolHelp

Axiomatic quantum mechanics: Necessity and benefits for the physics studies

Detailed Information

Name: Axiomatic quantum mechanics: Nece...

Budget: 0 \$/month

Department: SA

Income: 0 \$/month


Leader: Trương Tô Văn Vần

Profit: 0 \$/month

Members: Trương Tô Văn Vần, Lê Hiền Phùng, Lê Đỗ Hải, Dương Kha Thủy Lâm, Hồ Đoàn Kim, Trịnh Phong Tuấn, Đoàn Hồ

Start date: 2020-10-27

Finish date: 2021-01-07 (est.)



Dept.	Name	Members	Budget	Inco...A	Finish	%Done
SA	Axiomatic quantum mechanics: Necessity ...	25	0	0	2021-01-07	0
MST	The Highly Luminous Type Ibn Supernova ...	10	41750	500	2022-04-21	0
MST	Levy processes in cones of fuzzy vectors	12	42000	500	2019-09-15	60
WEO	Higher-order boundary regularity estimate...	28	4500	750	2022-03-14	10
WEO	A Monotone Finite Volume Method for Tim...	12	12000	750	2020-07-26	40
EN	Multistate scalar field dark matter and its ...	10	23750	750	2021-06-25	20
SA	Isogeometric Analysis Simulation of TESLA...	25	38500	1000	2018-11-05	80
SA	Optical wireless link between a nanoscale ...	15	41000	1000	2019-05-12	90

Add

Edit

Delete

Add new projects

Account

Tool Help

Detailed Information

Name: Account

Department: **ICT**

Leader: Duong

Members: Duong, Nhieu, Van, Hoang

Project name:

Department: ☐ PMAB ☐ ICT
☐ AMSN ☐ WEO
☐ EN ☐ MST
☐ SA ☐ FST

Add

Team members: Delete

Project leader:

Start date:

Finish date:


Budget:

Income:

Progress:

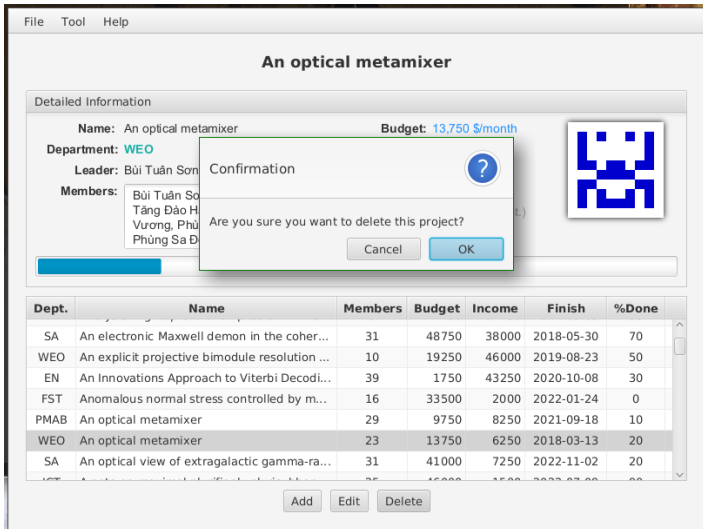
OK Cancel

Information



Project	%Done
01-04	20
09-10	0
05-07	40
06-14	60
06-12	10
09-20	100
03-27	0
09-20	40

Delete dialog



Edit name, team, money, date

Project name:

Department: ☐ PMAB ☒ ICT
☐ AMSN ☐ WEO
☐ EN ☐ MST
☐ SA ☐ FST

Team members:

Dương Văn Tăng
Tăng Thẩm Nhân
Tô Bửu Thắng
Đinh Dung Văn Đỗ
Vũ Hữu Hoàng Mai
Lý Hoàng Ngọc

Project leader:

Start date:

Finish date:

Budget:

Income:

Progress:

Ongoing project

Project name:

Department: ☒ PMAB ☐ ICT
☐ AMSN ☐ WEO
☐ EN ☐ MST
☐ SA ☐ FST

Team members:

Vương Kha Trần
Trần Đoàn Nam
Tô Tâm Ngộ
Phan Kha Tiến
Vương Dương Trịnh

Project leader:

Start date:

Finish date:

Budget:

Income:

Progress:

Finished project

Tool -> Statistics

The screenshot shows a software application with a menu bar (File, Tool, Help) and a sidebar on the left. The sidebar contains a 'Detailed Information' section with fields for Name, Department, Leader, and Members. Below this is a table with columns 'Dept.' and 'Order'. The main window displays a statistics window with the following data:

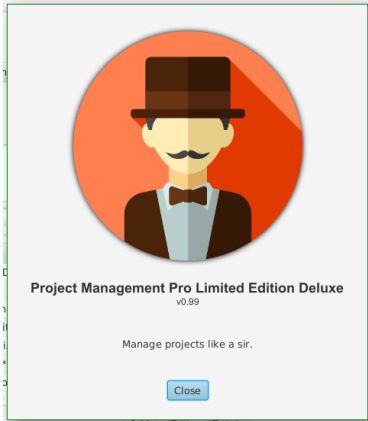
Category	Value
Number of depts.:	6
Number of projects:	464
Finished projects:	48
Ongoing projects:	176
Future projects:	241
PMAB projects:	56
AMSN projects:	50
EN projects:	56
SA projects:	53
ICT projects:	68
WEO projects:	67
MST projects:	45
FST projects:	69
Average per dept.:	77.33
Total budget:	11,050,500 \$/month
Total income:	11,414,000 \$/month
Total profit:	363,500 \$/month
Average budget:	23,815.73 \$/month
Average income:	24,599.14 \$/month
Average profit:	783.41 \$/month
Oldest project:	2012-11-30
Newest project:	2017-12-18
Longest project from now:	1607 days
Longest project overall:	1850 days
# of researchers:	9853
Largest team:	39
Average team size:	21.77
Average progress:	51.14%

An 'OK' button is located at the bottom of the statistics window. The background table has columns for Dept., Order, and %Done. The bottom of the interface has 'Add', 'Edit', and 'Delete' buttons.

About

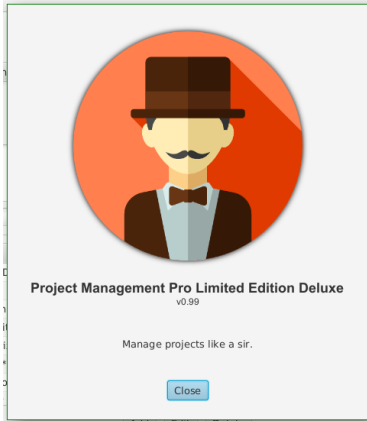


About



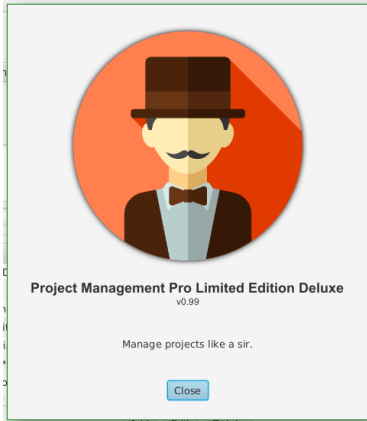
Created by **Team 1337**

About



Created by **Team 1337**
Powered by **JavaFX 8**

About

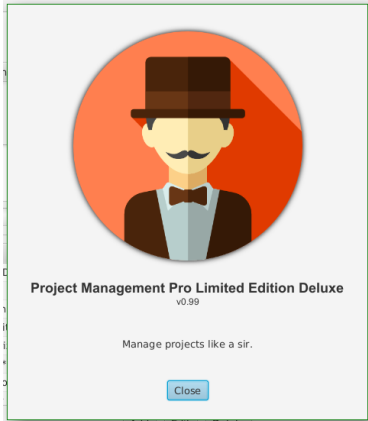


Created by **Team 1337**

Powered by **JavaFX 8**

Contains *~1400* lines of code

About



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Contains ~1400 lines of code

For more, visit

[http://github.com/
concerned-guy/prmg](http://github.com/concerned-guy/prmg)

Questions?