## Project Management

## Profit \& Loss (P\&L)

## P\&L - Outline

> Profit, loss, break-even
> Revenue
> Project costs
> Product variable costs
> Product fixed costs
$>$ Project funding
> Example of project costs
> Example of P\&L statement
> Margin \& Mark-up
> Extent of PM's P\&L responsibility


Revenue Cost

## P\&L - Profit \& Loss



## P\&L - Break-even point

## Break-even



Revenue

## P\&L - revenue from product sales (1)



Save up to $£ 40$ on select Xbox One S, plus 3 free games

Save now >


Save up to $£ 229$
on select Surface
Pro 4
Shop now >


Surface
Office
Student offers
Xbox
For your business
All Windows phones
PCs and Tablets
(1) Office 365

Find the right Office subscription for you, from only $£ 5.99$ per month.


Get up to $£ 40$ off +3 FREE games or a controller with selected Xb box One S .


Pre-order the new Porsche Design
BOOK ONE with Windows 10 Pro.


M Visural Studio

## P\&L - revenue from product sales (2)

| $\mathrm{amazon}_{\text {couk }}$ | All - | ( Prime Video \| 30-day free trial |
| :---: | :---: | :---: |
| Shop by Department | Your Amazon.co.uk Today's Deals Gift Cards \& Top Up Sell Help |  |
| < | fireTVstick \| $£ 39.99$ <br> Now with Alexa Voice Remote | $\rangle$ |

Amazon uses cookies. What are
cookies?

## Welcome

Sign in for your best experience

Sign in securely

Exclusive Prime benefits


Up to 50\% off fashion



## P\&L - revenue from services

## in

$\square$


Land your dream job
Grow and nurture your network

Stand out to hiring managers
-Get in touch with recruiters

- See how you compare to other
candidates
- Promote and grow your business
- Maximize the power of your network
- Enhance your professional brand

- Find leads and accounts in your target market
- Get real-time insights for warm outreach
- Build trusted relationships with
customers and prospects


## ifil

Find and hire talent

- Find great candidates, faster
- Contact top tatent directly
- Build relationships with
prospective hires


## Business Plus features



## 15 InMail ${ }^{T M}$ messages

Contact anyone on Linkedln, even if you're not
connected

## Advanced Search

Zero in on the right people, faster, with advanced search filters

Who's Viewed Your Profile
See who's viewed you in the last 90 days and how they found you

## Unlimited profile search

View unlimited profiles from search results - up to 3 rd degree

Start your free month

- No commitment for 30 days - cancel anytime
- After your free month, you'll pay EUR 44.99 / month


## Buy annual and save 20\%

- You'l pay EUR 419.88 / year
- Easier to expense with a single receipt


## P\&L - revenue from subscriptions (1)



## P\&L - revenue from subscriptions (2)

## The International Digital Pack

Enjoy unlimited access to The Times of London online


What's included:

- Tablet, smartphone, website
- Daily 'best of' news bulletins
- Digital access to The Times archives
- Access to $9,000+$ Crosswords and Mind Games
£1 for 30 days
$£ 5$ per month thereafter

Subscribe now

View full details
*Sterling is the only currency availa ble at the moment

Subscription gives you the news exactly the way you want it Choose the way you read, watch and interact with our exclusive content

## P\&L - revenue from commissions (1)

| Hil Sign in or register | \| Daily Deals | D: CLICK \& | SHOP | My eBay | Sell | Community | Help \& Contact | ! |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Shop by category | Search... |  |  | Categories | $\checkmark$ | Search | Advanced |
| Home > Electronics |  |  |  | Tell us what you think \| f $\triangle$ Share * |  |  |  |  |

## Electronics

| Cameras \& Photography | $>$ |
| :--- | ---: |
| Mobile \& Home Phones | $>$ |
| Computers TTablets Networks > |  |
| Sound \& Vision | $>$ |
| Video Games \& Consoles | $>$ |
| Shop Top Products | $>$ |
| All Categories |  |

## THE UK'S LOWEST PRICES

On selected cuttingedge electronics*

SHOP ALL

## nectar



Tablets


FREE UK DELIVERY*


TVs

DEALS Get these deals for a limited time only!


Fujifilm FinePix Digital...


Free P\&P
RRP as of $01,02 / 2014$


Toshiba AT 10-A-104 excite..
£169.99
Free P\&P


Acer TM 15.6" Intel Dual... RRP $£ 499.99 \star$ £299.94
Free P\&P
RRP as of 10103/2014 See more

Shop with confidence with the eBay Money Back Guarantee.

Simple, fast \& free
Learn what's included $>$
ebay money back guarantee
Ad Feedback | AdChoice

New electronics from top sellers


COLLECT
nectar
POINTS

Product Finder
Find what you want, quickly and easily, using our new app

## P\&L - revenue from commissions (2)

## ebay Seller Centre

Home > eBay Seller Centre > Fees > What fees you'll pay

Private
Business
Search for a topic, for example: fees, postage or how to sell

## Seller Centre

Why sell on eBay?
How to sell
Postage, payment \& returns
Feedback
Seller protection
Fees

## What fees you'll pay

We know that selling on eBay is a choice. When you sell with us, you get access to our 18 m buyers in the UK and 165 m worldwide, for a fair price. Find out why you should sell on eBay or start selling now.

- Optional listing upgrades
- eBay Shops
- eBay Motors Fees
- Classified Ads fees


## Related links

How to pay your fees
Save money with promotional offers

- List up to $\mathbf{2 0}$ items a month for free. After your free 20 items, each item you list costs £0. 35 .
- When your item sells you pay $10 \%$ of the final transaction value, including postage. We call this a final value fee. We cap final value fees so you will never pay more than $£ 250$ for a single item.

Tip: Save on fees with our promotional offers. We run offers to give you the best value possible. You can keep track of your offers in My eBay.

## P\&L - revenue from commissions (3)

## Selling with PayPal.

We help process payments for millions of customers worldwide. Our transaction fees are based on your total sales volume. So the more you sell, the less you pay.

And if you're a charity, you just pay one small set fee no matter the size of the donation.

## Get paid online

Add PayPal to your existing checkout.

Add PayPal buttons to your website.

Accept debit and credit card payments on your website.

Micropayments Discounts.

However you do business we'll get you paid More about online payments.

No monthly fee
From $3.4 \%$ to as low as $1.9 \%+20$ p per transaction based on total sales volume
More about Express Checkout

No monthly fee
From $3.4 \%$ to as low as $1.9 \%+20$ p per transaction based on total sales volume

More about Website Payments Standard

There are $\mathbf{2}$ fee structures available for this solution. Please call 08003687177 to speak to a payments specialist
More about Website Payments Pro.

If your transactions typically average less than $£ 5$ you could save money with our $5 \%+5 p$ rate.
More about micropayments.

Get paid over the phone

Accept card payments directly over the phone. No website or terminal needed.

There are $\mathbf{2}$ fee structures available for this solution. Please call 08003687177 to speak to a payments specialist.
More about payments by phone

## P\&L - revenue from advertising (1)

## statistar

The Statistics Portal
Statistics and Studies from more than 18,000 Sources

Industries , Internet > Search Engines \& SEO $\square$
Google's ad revenue from 2001 to 2016 (in_hillion U.S. dotlars)

## \$ 79.4 billion!

 ABOUT THIS STATISTIC

This statistic displays Google's advertising or ad revenue since 2001. In 2016, Google's ad revenue amounted to almost 79.4 billion US dollars. That year, advertising accounted for the majority percent of the online company's total revenues.
Show more...

SPECIAL FUNCTIONS


Complete Source Details

## P\&L - revenue from advertising (2)



## P\&L - revenue from advertising (3)

## Advertise with Us

Email advertise@techcrunch.com for:

- Pricing info
- Requests for proposal
- Additional advertising
opportunities:
- Mobile
- Native
- Video
- Roadblocks
- Newsletters
- Content hub sponsorships
- Digital sponsorships for events - Advertise internationally - And more


## Sponsor an Event

Email events@techcrunch.com to be an onsite sponsor for TechCrunch's many premier events like:

- Disrupt
- The Crunchies
- Hardware Battlefield
- Reader Meetups
- Summer Party at August Capital


## Send a News Tip

Email tips@techcrunch.com to submit

## P\&L - revenue from advertising (4)

| The million Dollor Homerage "' | 0,000 pixels • \$1 per pixel • Own a piece of internet history! 1000 Limited Edition MDHP Poster Prints - Available Now | somo |
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## P\&L - revenue from contractor fees



Revenue = price paid by the client

## P\&L - operating cost reduction



## P\&L - project costs (1)



## P\&L - project costs (2)



United States [ change ]


## P\&L - project costs (3)



## P\&L - project costs (4)



## P\&L - product variable costs



## P\&L - product fixed costs (1)



## Google <br> Advertising Programs

For Advertisers: Google AdWords

- Advertise to people searching on Google and our advertising network
- Reach people actively looking for information about your products and services online
- Easily control costs - pay only when people click on your ad


Ready to start? Sign up now
Want more information about AdWords? Learn more *
Find out how our sales team can help you reach your online advertising goals. Contact Sales.


## P\&L - product fixed costs (2)

On January 24th, Apple Computer will introduce Macintosh. And youll see why 1984 wont be like"1984".


## Project funding - in-house or bank

## Gotd Company



## Project funding - Venture Capital

| , U.S.) Seed |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Companies |  |  |  | Team |  |
| A123 | FireEye | Nimble Storage | Y Combinator | Roelof Botha | Timothy Lee |
| AdBrite | Funny or Die | Nimbula | YouTube | Mark Dempster | Douglas Leone |
| AdMob | GameFly | Palo Alto |  | Randy Ditzler | Alfred Lin |
| Alion | Infoblox | Quantenna |  | Joe Dobrenski | Greg McAdoo |
| Blippy | LogLogic | Rockyou |  | Gaurav Garg | Michael Moritz |
| Cast Iron | Loopt | Ruckus |  | Jim Goetz | Luis Robles |
| Clean Cell | Luxim | Songbird |  | Michael Goguen | Bryan Schreier |
| Cleanwell | Mark Logic | TokBox |  | Warren Hogarth | Donald Valentine |
| Dropbox | Meebo | Traiana |  | Mark Kvamme |  |
| Tratas-cheryeg |  |  |  |  |  |

## Seed Stage

Sequoia Capital invests between $\$ 100 \mathrm{~K}-\$ 1 \mathrm{M}$ in start-ups across the energy, financial services, healthcare services, internet, mobile, outsourcing services and technology markets. These are situations where we have the privilege of collaborating with very special founders who have a unique insight on the customer problem and a novel idea for addressing that pain point. A seed stage investment often occupies space in our building where a subsistence of ramen, red bull and portable furniture are at the founding team's disposal. We enjoyed assisting entrepreneurs in this manner such as Gaurav Garg of Redback Networks, Jerry Yang and David Filo of Yahoo and Chad Hurley and Steve Chen of YouTube.

## Example of VC



## Project funding - Business Angels

## Franceangels

## FRANCE ANGELS

"busimess angels
Definition
The financing cycle
Networks
Figures
CODE OF CONDUCT
>PUBLICATIONS
\# CROSSBORDER INVESTMENT
" SEARCH
\# CONTACT
"SITE MAP

Rechercher
ok Mot(s) Clet(s)

France Angels 16, rue Turbigo 75002 PARIS
contact@franceangels.org
Fax : 0144827776
$=$

## $\sqrt{ }$ The financing cycle

BUSINESS ANGELS: THE ESSENTIAL LINK FOR FINANCING COMPANIES WITH STRONG POTENTIAL

The Business Angel, alone or with others, can finance investments from 50 to $500 \mathrm{k} €$ (rarely more).
As shown by the graphic underneath, Business Angels usually take part in the cycle after the "love money" (Friends, Family and Fools), public funds and unsecured loans (allowing entrepreneurs to find the necessary funds to start their activity) and before capital investment professionals (venture capital, expansion capital).

The financing "chain",
throughout the innovative company life cycle


## Project funding - subsidies



## Project funding - donations

Donate now Questions? Benefactors Donor comments Ways to give Show support Chapters Transparency Stories

$\left.{ }^{66}\right|_{\text {magine a world in which every single person on }}$ the planet is given free access to the sum of all human knowledge.

- Jimmy Wales, Founder of Wikipedia


## Support Wikimedia

Contribute with your credit card through PayPal. (Other ways to give, including check or mail, can be found here.)

Amount
○ $\$ 100 \quad$ ○ 75

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\odot Other: 50 EUR-€ V
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Public Comment
Have a thounht to share with the world? Put un to 200 characters here:
As a very frequent and happy user of Wikipedia, it's only fair I should make a donation :-)
$\checkmark$ Please list my name (next to my comment) on the public donor list.
$\square$ I agree to receive future Wikimedia Foundation newsletters or emails. We will never sell or trade your information. Our donor privacy policy can be found here.

Your credit card donation will be processed by PayPal. The charge will appear as "Wikimedia Foundation, Inc." on your credit card statement.

## DONATE

For more information about our non-profit status, our Annual Report, or other questions, click here.
To give to a local Wikimedia chapter, click here

# Don't forget thanks for a donation! 

Q Wikimedia's 2008-09 Annual Report - Unicode (UTF-8)

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| A: | Neil Minkley |  |  |
| Objet: | Thank you from the Wikimedia Foundation |  |  |

## Dear Neil,

Thank you for your gift of EUR 50.00 to the Wikimedia Foundation, received on November 23, 2010. I'm very grateful for your support.

Your donation celebrates everything Wikipedia and its sister sites stand for: the power of information to help people live better lives, and the importance of sharing, freedom, learning and discovery. Thank you so much for helping to keep these projects freely available for their nearly 400 million monthly readers around the world.

Your money supports technology and people. The Wikimedia Foundation develops and improves the technology behind Wikipedia and nine other projects, and sustains the infrastructure that keeps them up and running. The Foundation has a staff of about fifty, which provides technical, administrative, legal and outreach support for the global community of volunteers who write and edit Wikipedia.

Many people love Wikipedia, but a surprising number don't know it's run by a non-profit. Please help us spread the word by telling a few of your friends

And again, thank you for supporting free knowledge.
Sincerely Yours

Sue Gardner
Executive Director

* To donate: http://donate wikimedia.org
* To visit our Blog: http://blog.wikimedia.org
* To follow us on Twitter: http://twitter.com/wikimedia
* To follow us on Facebook http:/hmon.facebook.com/wikipedia

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Our address is 149 New Montgomery, 3rd Floor, San Francisco, CA, 94105
Tax-exempt number: 20-0049703

## Project funding－crowdfunding

## Top 10 Crowdfunding Sites

This list is based on independent traffic data found on Alexa \＆Compete．

| Rank | Crowdtunding Site | 2014Volume | USAlexa Rank | Fee | Important to Know．． |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | gofundme | \＄470M | 330 | 5\％ | Over \＄3 Billion raised for personal fundraisers， Processing fee of $2.9 \%+\$ 0.30$ applies． |
| 2 | kickstarter | \＄444M | 218 | 5\％ | Personal fundraising not allowed．Creative only． Processing fees of between $3-5 \%$ apply． |
| 3 | ＊indiegogo | ？？？ | 787 | 5\％ | $3 \%$ processing fee 25 feef for interntional wie． |

$\square$ HIDDEN FEE ALERT！Sites claiming to be＇ $100 \%$ Free＇will charge your donors up to $15 \%$ and you＇ll still need to pay $3 \%$ for processing．GoFundMe will never charge your donors anything．Questions about this page？Contact GoFundMe＞＞

## Project costs: example

Project DANTE: forecasted project costs (established on 24/06/1996 - values converted into €)

| Writing/restructuring texts Writing captions and titles <br> Writing scenarios, scripts and commentaries Creation of font and acquisition of rights <br> Design and creation of quiz <br> Digitization of texts <br> Typing manuscripts <br> Proofreading and typing corrections Tagging, creating metadata and links Sourcing of media assets TOTAL CONTENT CREATION | $\begin{array}{r} 600,000 \\ 33,000 \\ 76,000 \\ 30,000 \\ 23,000 \\ 20,000 \\ 7,500 \\ 168,000 \\ 225,000 \\ 53,000 \\ \mathbf{2 3 5 , 5 0 0} \end{array}$ |
| :---: | :---: |
| MEDIA ASSETS REPRODUCTION RIGHTS | 275,000 |
| Creation and digitization of media assets Recording and synchronization of vocal commentaries Software development External testing | $\begin{array}{r} 290,000 \\ 65,000 \\ 330,000 \\ 23,000 \end{array}$ |
| TOTAL PRODUCTION | 708,000 |
| Hardware \& software <br> Documentation, travel, etc. | 60,000 15,000 |
| TOTAL EQUIPMENT,TRAVEL, etc. | 75,000 |
| STAFF (incl overhead) | 915,000 |
| GRAND TOTAL | 3,208,500 |

## P\&L statement: example

Project DANTE: forecasted 3-year P\&L statement (established on 24/06/1996-monetary values in €)

|  | Average per unit | 1997 | 1998 | 1999 | TOTAL <br> 3 years |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Number of units sold |  | 32,000 | 80,000 | 130,000 | 242,000 |
| Recommended retail price (incl VAT) Recommended retail price (excl VAT) | $\begin{array}{r} 77.0 \\ 64.9 \\ \hline \end{array}$ |  | $\begin{aligned} & 75 \\ & \mathbf{6 3} \end{aligned}$ | 75 63 |  |
| Retailers' revenue <br> Retailer discount (40\% of revenue) | $\begin{aligned} & 64.9 \\ & 26.0 \end{aligned}$ | $\begin{array}{r} 2,428,331 \\ 971,332 \end{array}$ | $\begin{aligned} & 5,059,022 \\ & 2,023,609 \end{aligned}$ | $\begin{aligned} & \hline 8,220,911 \\ & 3,288,364 \end{aligned}$ | $\begin{array}{r} 15,708,263 \\ 6,283,305 \end{array}$ |
| Publisher's net revenue | 38.9 | 1,456,998 | 3,035,413 | 4,932,546 | 9,424,958 |
| Product manufacturing \& packaging cost Distribution cost ( $7 \%$ of retailers' revenue) Customer Services cost Other costs | $\begin{aligned} & 3.0 \\ & 4.5 \\ & 1.1 \\ & 1.5 \end{aligned}$ | $\begin{array}{r} 96,000 \\ 145,399 \\ 35,200 \\ 48,000 \end{array}$ | $\begin{array}{r} 240,000 \\ 363,497 \\ 88,000 \\ 120,000 \end{array}$ | $\begin{aligned} & \hline 390,000 \\ & 590,683 \\ & 143,000 \\ & 195,000 \end{aligned}$ | $\begin{array}{r} 726,000 \\ 1,099,578 \\ 266,200 \\ 363,000 \end{array}$ |
| TOTAL variable costs | 10.1 | 324,599 | 811,497 | 1,318,683 | 2,454,778 |
| Margin on variable costs as a \% of publisher's net revenue | $\begin{aligned} & \hline 28.8 \\ & 74 \% \end{aligned}$ | $\begin{array}{r} 1,132,400 \\ 78 \% \end{array}$ | $\begin{array}{r} 2,223,916 \\ 73 \% \end{array}$ | $\begin{array}{r} \hline 3,613,864 \\ 73 \% \end{array}$ | $\begin{array}{r} 6,970,179 \\ 74 \% \end{array}$ |
| Advertising/promotion costs <br> Amortization of product creation cost <br> Product update costs |  | $\begin{array}{r} 915,000 \\ 1,375,000 \end{array}$ | $\begin{aligned} & 762,000 \\ & 916,750 \\ & 230,000 \end{aligned}$ | $\begin{aligned} & \hline 762,000 \\ & 916,750 \\ & 230,000 \end{aligned}$ | $\begin{array}{r} 2,439,000 \\ 3,208,500 \\ 460,000 \end{array}$ |
| TOTAL fixed costs | 25.2 | 2,290,000 | 1,908,750 | 1,908,750 | 6,107,500 |
| NET MARGIN <br> as a \% of publisher's net revenue | $\begin{aligned} & 3.6 \\ & 9 \% \end{aligned}$ | $\begin{array}{r} \hline \mathbf{- 1 , 1 5 7 , 6 0 0} \\ -79 \% \end{array}$ | $\begin{array}{r} \mathbf{3 1 5 , 1 6 6} \\ 10 \% \\ \hline \end{array}$ | $\begin{array}{r} \hline \mathbf{1 , 7 0 5 , 1 1 4} \\ 35 \% \\ \hline \end{array}$ | $862,679$ |

## Margin \& Mark-up

100
$>$ Margin $($ profit $)=20$
$>$ Margin\% = 20/100 = 20\%
$>$ Mark-up\% = 20/80 = 25\%

Price paid by the client
Price = Cost/(1-Margin\%)
Mark-up\% = 1/(1-Margin\%) - 1

## Other example of margin\% vs mark-up\%



## Apple I, July 1976

$>$ Wholesale price = \$500
> Retail price $=\mathbf{\$ 6 6 6 . 6 6}$
> Retailer's margin = \$166.66 (= 1/4 or 25\% of \$666.66)
>Retailer's mark-up = \$166.66 (= 1/3 or 33.33\% of \$500)

## Extent of a PM's P\&L responsibility

I DECIDED TO CUT YOUR PROJECT FUNDING IN half but keep the OBJECTIVES THE SAME


IT'S A BRILLIANT PLAN. WE GET ALL THE BENEFITS AT HALF THE COSTS!


WHY IS IT AND WHY THAT THE COULDN'T I NUTTIEST REWRITE THE PEOPLE DEFINE
 BUSINESS CASE TO INCREASE REVENUE? 5


Questions?

