Workshop on the Iraqi Data Use Scenarios
18-23 October 2012
Amman, Jordan

Day 1

09:30-11:00	Session 1 (Sunil Abraham) Presentation: Introductions and presenting the idea of data use scenarios
11:00-11:30	Tea/Coffee
11:30-13:00	Session 2 (SA) Presentation: Findings from the responses to the questionnaire on data practices and challenges
13:00-14:30	Lunch
14:30-16:00	Session 3 (Working Groups) Exercise: Data needs of the Iraqi society and economy, and identification of potential data user groups
16:00-17:00	Session 4 Discussion: Presentation of scenarios developed by working groups

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Introductions and presenting the idea of data use scenarios

Sunil Abraham

Sunil is the executive director of the Centre for Internet and Society (CIS), Bangalore. He is the founder of Mahiti, a social enterprise aiming to reduce the cost and complexity of information and communication technology for the voluntary sector by using free software. Sunil continues to serve on the board of Mahiti.

He is an Ashoka fellow and was elected for a Sarai FLOSS fellowship. For three years, Sunil also managed the International Open Source Network, a project of United Nations Development Programme's Asia-Pacific Development Information Programme, serving 42 countries in the Asia-Pacific region.

In 2007 - 2008, he managed ENRAP an electronic network of International Fund for Agricultural Development projects in the Asia-Pacific, facilitated and co-funded by International Development Research Centre, Canada.

Sunil Abraham

Previously supported

Government of Moldova with Open Standards Policy

Government of Saudi Arabia with the design National Program for Free and Open Source Software Technologies [NPFOSST].

Government of India with National Electronic Accessibility Policy and Privacy White Paper [which will inform the upcoming Privacy Act] and National Website Guidelines.

Previously supported the Government of Iraq with

The formulation of the Government Interoperability Framework and the National Enterprise Architecture.
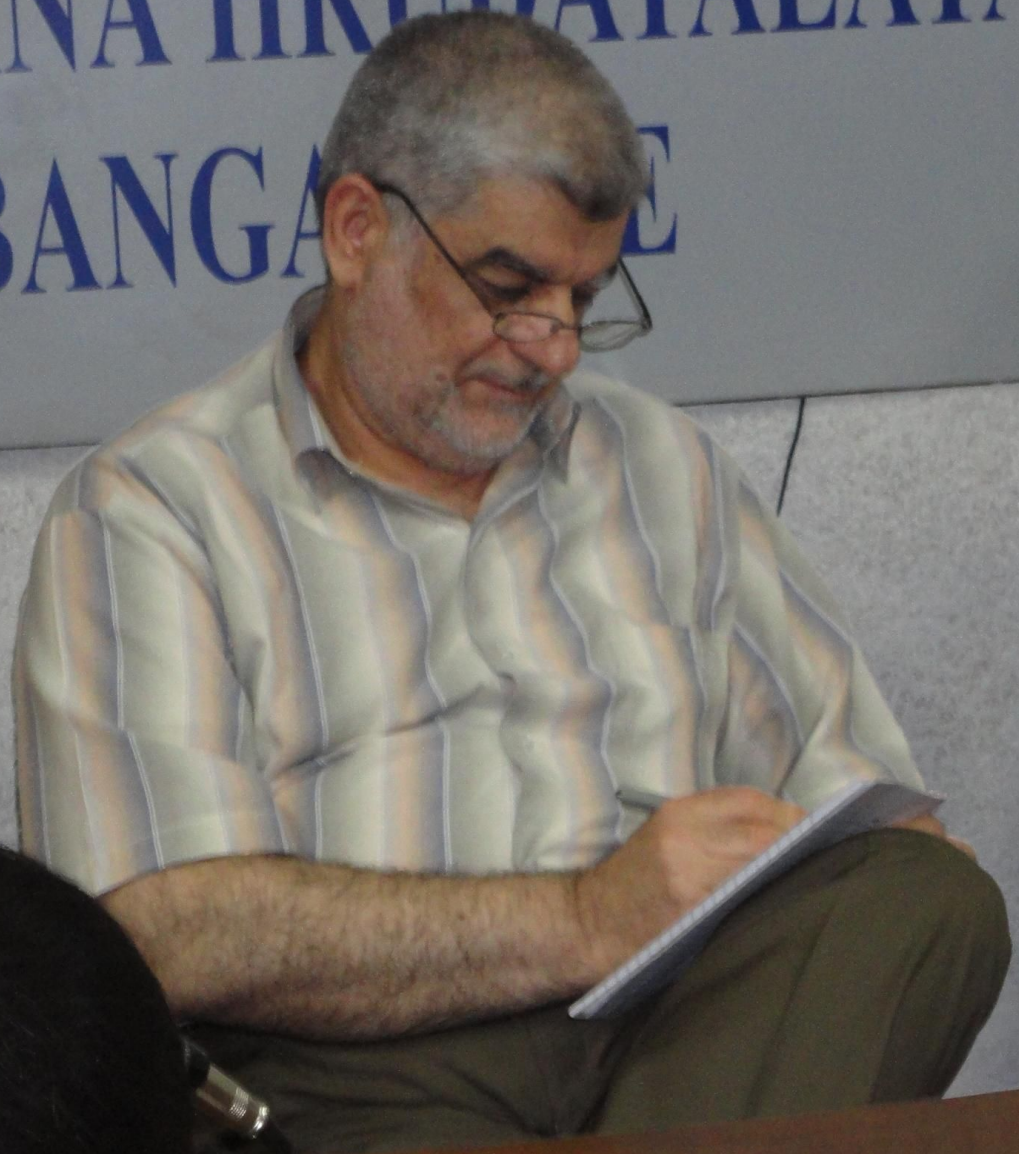
The e-Governance tour of India

Sumandro Chattapadhyay

Sumandro is an independent researcher working in the areas of urban development, data visualisation and information governance. He has coordinated and participated in interdisciplinary research projects on analysing and visualising national-scale social datasets, and on affordable housing policies and practices.

Sumandro has worked with MOD Institute, an Indo-German research organisation working on urban development in India, have contributed to an affordable housing policy study for the Ministry of Housing and Urban Poverty Alleviation, Government of India, and have coordinated a data visualisation and resdyearch team at the Azim Premji University, Bangalore, India.

He is particularly interested in researching governmental uses of ICTs and their implications for state-citizen relations.

GREAT

PLACE

WORK
HOUSE

PORTLAND
MEWS

MEWS

PUMP

BENTINCK STREET

EDWARD STREET

DUCK LANE

TYLER COURT

MARSHALL ST

WEST STREET

DUFOURS PLACE

TYLER STREET

CARNABY

MARSHALL STREET

BROAD STREET

BREWERY

CARNABY STREET

SOUTH ROW

CROSS ST

CAMBRIDGE ST

NEW STREET

HOPKINS STREET

CROSS STREET

BROAD PUMP

HUBBARD ST

KING STREET

STREET

STREET

SILVER STREET

CAMBRIDGE COURT

LITTLE WINDMILL STREET

GREAT PULTENEY STREET

WILLIAM AND GARY YARD

PETER

UP JAMES ST

BRIDLE STREET

LITTLE PULTENEY

UP JOHN ST

STREET

STREET

THE OPEN DATA MOVEMENT

THE EVOLUTION OF APIs

Increasingly, companies are making their data and inner workings publicly available through the release of APIs, which are used by developers in building new tools—like TweetDeck, based on Twitter's API. Since 2005, more than 3,700 APIs have been launched.

WHAT IS AN API?

An application programming interface is a set of instructions that allows software programs to interact with each other. ProgrammableWeb tracks APIs and "mashups" (new combinations of existing APIs).

NEW APIs by month

TOTAL APIs cumulative

RELEASE DATES: approximate

| API | Category |

APIs ADDED TO DIRECTORY by month

GOOGLE MAPS — Mapping
WIKIPEDIA — Reference
FACEBOOK — Social
TWITTER — Social
TRULIA — Real Estate
DIGG — News
YELP
YOUTUBE — Video
BEBO — Recommendations
— Social
NYTIMES — News
KLOUT — Social
NETFLIX — Movies
FOURSQUARE — Social
LINKEDIN
GOWALLA — Social
— Social

3,000 APIs
2,000 APIs
1,000 APIs

2006 · 2007 · 2008 · 2009 · 2010 · 2011
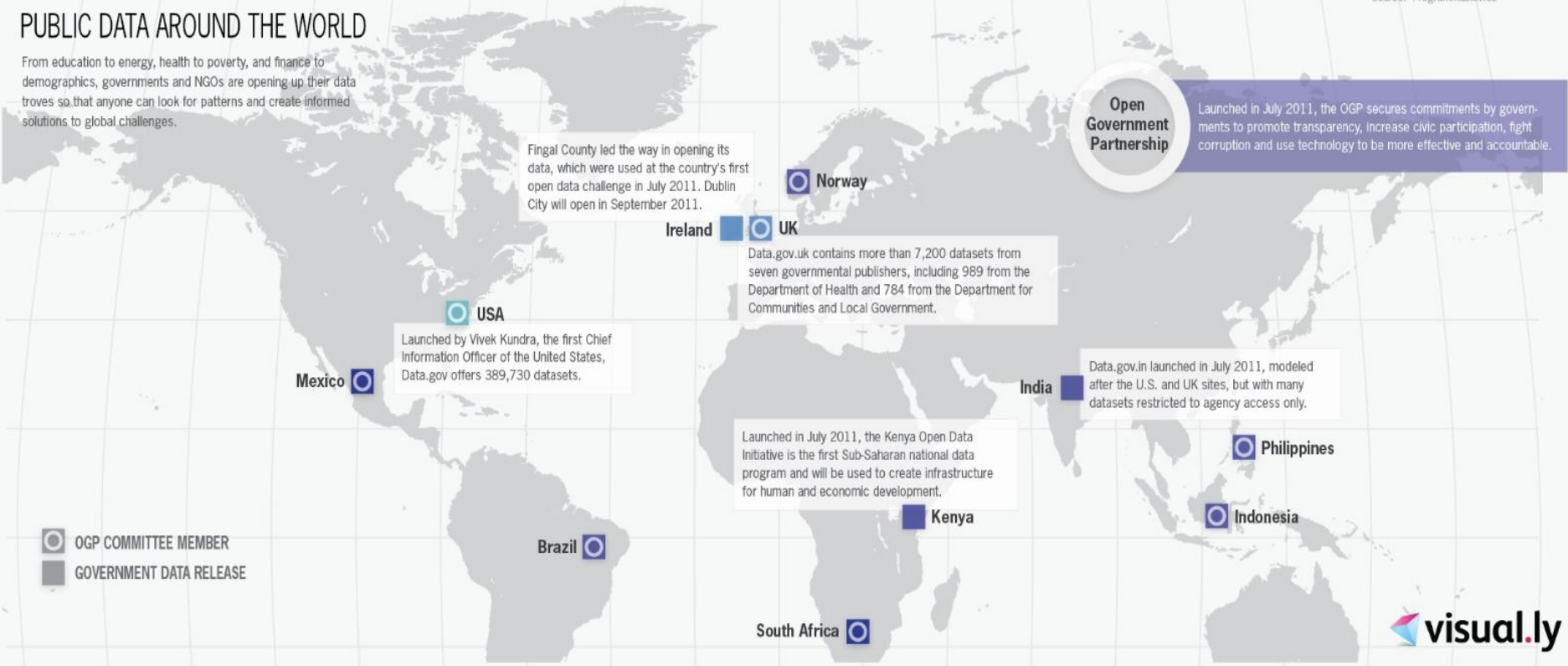
Source: ProgrammableWeb

PUBLIC DATA AROUND THE WORLD

From education to energy, health to poverty, and finance to demographics, governments and NGOs are opening up their data troves so that anyone can look for patterns and create informed solutions to global challenges.

Open Government Partnership

Launched in July 2011, the OGP secures commitments by governments to promote transparency, increase civic participation, fight corruption and use technology to be more effective and accountable.

Norway

Ireland — Fingal County led the way in opening its data, which were used at the country's first open data challenge in July 2011. Dublin City will open in September 2011.

UK — Data.gov.uk contains more than 7,200 datasets from seven governmental publishers, including 989 from the Department of Health and 784 from the Department for Communities and Local Government.

USA — Launched by Vivek Kundra, the first Chief Information Officer of the United States, Data.gov offers 389,730 datasets.

Mexico

India — Data.gov.in launched in July 2011, modeled after the U.S. and UK sites, but with many datasets restricted to agency access only.

Kenya — Launched in July 2011, the Kenya Open Data Initiative is the first Sub-Saharan national data program and will be used to create infrastructure for human and economic development.

Philippines

Indonesia

Brazil

South Africa

◉ OGP COMMITTEE MEMBER
▪ GOVERNMENT DATA RELEASE

visual.ly

Open Data

Open data is data that can be freely **used**, **reused** and **redistributed** by anyone – subject only, at most, to the requirement to **attribute** and **sharealike**.

Availability and Access: the data must be available as a whole and at no more than a reasonable reproduction cost, preferably by downloading over the internet. The data must also be available in a convenient and modifiable form.

Reuse and Redistribution: the data must be provided under terms that permit reuse and redistribution including the intermixing with other datasets.

Universal Participation: everyone must be able to use, reuse and redistribute – there should be no discrimination against fields of endeavour or against persons or groups. For example, 'non-commercial' restrictions that would prevent 'commercial' use, or restrictions of use for certain purposes (e.g. only in education), are not allowed.

Source: http://okfn.org/opendata/

Scenario Building

Scenario analysis is a process of analyzing **possible future events** by considering **alternative possible outcomes** (sometimes called "alternative worlds").

The scenario analysis, which is a main method of projections, does **not** try to show **one exact** picture of the future. Instead, it presents consciously **several alternative** future developments. Consequently, a scope of possible future outcomes is observable. Not only are the outcomes observable, also the development paths leading to the outcomes.

In contrast to prognoses, the scenario analysis is not using extrapolation of the past. It does **not rely on historical data** and does not expect past observations to be still valid in the future.

Instead, it tries to consider possible developments and turning points, which may only be connected to the past. In short, several scenarios are demonstrated in a scenario analysis to show possible future outcomes.

It is useful to generate a combination of an **optimistic**, a **pessimistic**, and a **most likely** scenario.

Paper Prototyping – Definition and History

Paper prototyping is a method for **designing**, **evaluating** and **improving** user interfaces for software, web and handheld device applications. The term is sometimes used to describe the production of page comps, wireframes and storyboards that facilitate communication within design teams and with clients, allowing the exploration of a range of design ideas (Snyder 2003:9).

Paper prototyping has been used as a **design tool** for over 10 years, and while companies such as IBM, Digital, Honeywell and Microsoft have integrated the method into their development processes, its use in mainstream web design and development is still not commonplace (Snyder 2003:3).

There are undoubtedly several reasons for this. Web development is relatively straightforward and a variety of tools now support the rapid development of web pages. This creates **pressure** to deliver web projects **quickly**. Added to this is a tendency for developers to be **focused on technology** and **forget about the needs** of end users (Grady 2000: 39).

Benefits of Paper Prototypes
Hugh Beyer

1   They're **quick** to create. Paper prototypes can be sketched with pen and Post-it notes faster than any other prototyping method. You can **test** design ideas quickly, before you've **committed to them emotionally**.

2.   They're **portable**. Once you've built your prototype, you can slide it in a manila envelope and take it anywhere. That means you can take them to your user's workplace and test them there. You get much **better** and more **detailed feedback** when your user has all the reminders associated with their own work practice around them.

3.   They're **rough**. They communicate to the user that this design is a work **in progress**. They encourage users to focus on **basic structure and function**, not on the details of the pretty UI.

4.   They **can be changed** in the moment. You can modify the prototype to reflect the details of this particular user's work practice — their tasks, their files, their workgroup. You can also modify the prototype to reflect your user's feedback — you can try out different design solutions to problems the user raises and see **which choices work best**.

facebook

Home Profile Friends Inbox

Ian Chan

Happy Halloween! 2 minutes ago clear

Wall | Info | Photos | +

What's on your mind?

Attach: 🖼 📹 📅   Share

RECENT ACTIVITY:

- Ian commented on Mike Chan's photo
- Ian commented on his own photo
- Ian likes Tomas Ronis' boycott on pants
- Ian and Your mom are now friends
- Ian wrote on his own wall

Rich Poissant Dude what are you being for Halloween?
October 31 at 1:00pm - Comment - Like - Hide (3)

> **Ian Chan** I'm going as facebook!
> October 31 at 1:15pm - Delete

> **Rich Poissant** Laaammmee !!!
> October 31 at 1:20pm - Delete

> **Ian Chan** You love it!!
> October 31 at 1:21pm - Delete

> Write a comment......

Lori Lee Oh hai, Im on ur wall!
October 30 at 3:05am - Comment - Like

Nick Youdan Is it just me or can you see that girl's panties?
October 28 at 12:00pm - Comment - Like - Hide (2)

Tomas Ronis DUFFMAN CAN'T BREATHE, OH NOO!!!
October 28 at 11:05pm - Comment - Like

View Photos of Me (392)
View Videos of Me (2)
Edit My Profile

Information ✎

Networks:
University of Toronto '08
Relationship Status:
In a Relationship with
Lori Lee
Current City:
Toronto, ON

Friends ✎

385 friends   see all

Tomas Ronas   Nick Youdan   Lori Lee

Keyword 4
Keyword 2   Keyword 6   Keyword 5
Keyword 1   **Keyword** 10   Keyword 7
Keyword 8   Keyword 4
Keyword 8   Keyword 7

Book Title
Author of book

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keywords
timeline

Remove from table

2000   2010
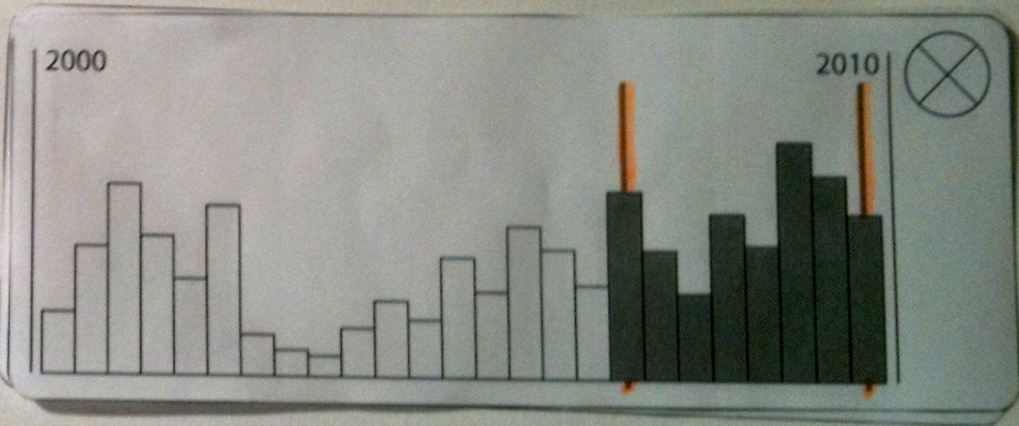
Book A   Book A   Book A
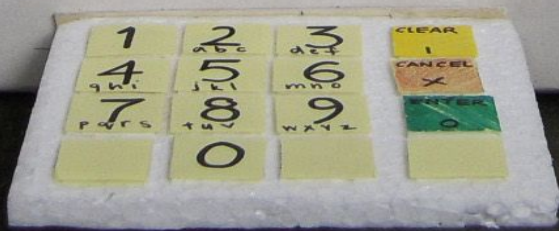
Railways

Name : Manoj Sharma

Train Name : Indore Express [6213]

Date : 15.04.2009

Departure : 16:40   Arrival : 16:30
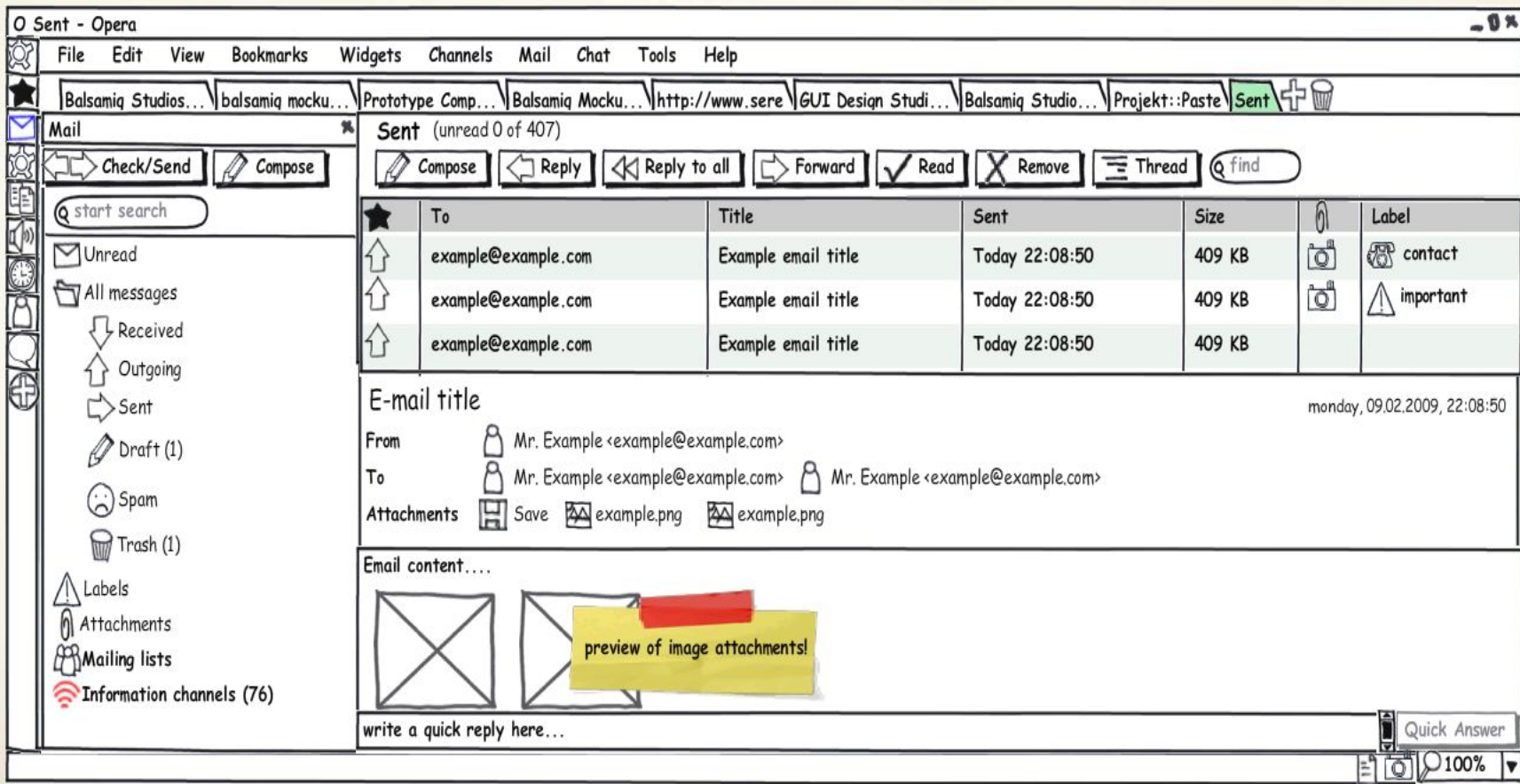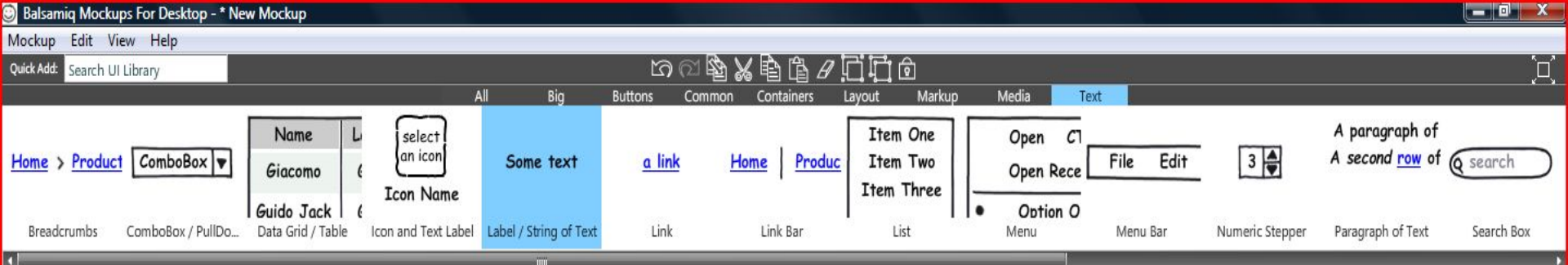
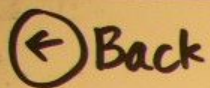Boarding at : Champaner

Rs. 240 (Ticket) + Rs 13 (Tax) = Rs. 253

BACK

Buy Ticket

1	2 abc	3 def	CLEAR
4 ghi	5 jkl	6 mno	CANCEL
7 pqrs	8 tuv	9 wxyz	ENTER
	0		

Balsamiq Mockups For Desktop - * New Mockup

Mockup   Edit   View   Help

Quick Add: | Search UI Library

All   Big   Buttons   Common   Containers   Layout   Markup   Media   **Text**

| | | Name | L | select an icon | | | | | Item One | | Open C1 | | | | A paragraph of | |
Home > Product | ComboBox ▼ | Giacomo | 6 | Icon Name | Some text | a link | Home | Produc | Item Two | File Edit | Open Rece | 3 ▲▼ | A second row of | search |
| | | Guido Jack | 6 | | | | | | Item Three | | • Option O | | | |

Breadcrumbs | ComboBox / PullDo... | Data Grid / Table | Icon and Text Label | Label / String of Text | Link | Link Bar | List | Menu | Menu Bar | Numeric Stepper | Paragraph of Text | Search Box

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O Sent - Opera

File   Edit   View   Bookmarks   Widgets   Channels   Mail   Chat   Tools   Help

Balsamiq Studios... | balsamiq mocku... | Prototype Comp... | Balsamiq Mocku... | http://www.sere | GUI Design Studi... | Balsamiq Studio... | Projekt::Paste | Sent ✚ 🗑

Mail ✕

[Check/Send]   [Compose]

🔍 start search

✉ Unread
📁 All messages
   ⬇ Received
   ⬆ Outgoing
   ➡ Sent
   ✏ Draft (1)
   ☹ Spam
   🗑 Trash (1)
⚠ Labels
🖇 Attachments
👥 Mailing lists
📶 Information channels (76)

Sent (unread 0 of 407)

[Compose] [Reply] [Reply to all] [Forward] [✓ Read] [✕ Remove] [≡ Thread] [🔍 find]

★	To	Title	Sent	Size	🖇	Label
⬆	example@example.com	Example email title	Today 22:08:50	409 KB	📷	☎ contact
⬆	example@example.com	Example email title	Today 22:08:50	409 KB	📷	⚠ important
⬆	example@example.com	Example email title	Today 22:08:50	409 KB		

E-mail title   monday, 09.02.2009, 22:08:50

From   👤 Mr. Example <example@example.com>
To   👤 Mr. Example <example@example.com>   👤 Mr. Example <example@example.com>
Attachments 💾 Save   📷 example.png   📷 example.png

Email content....

preview of image attachments!

write a quick reply here...   Quick Answer

100% ▼
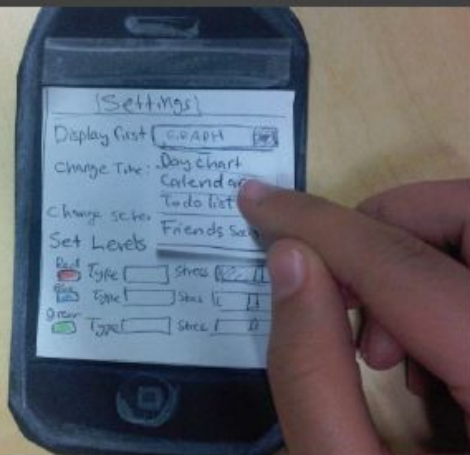
* New Mockup

Family Tie 🏠

John , you have logged out
of your account. Come back soon!

OK

Prototyping

The rights of a prototype:

- Should not be required to be complete

- Should be easy to change
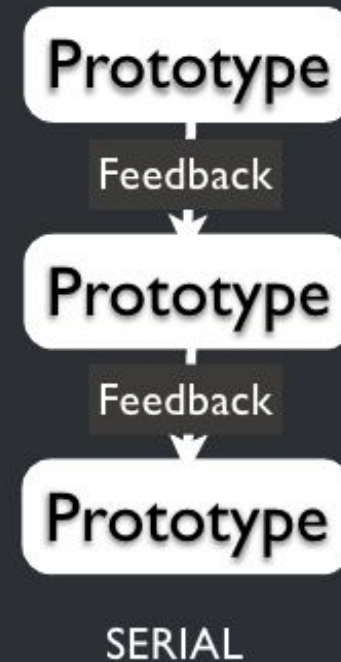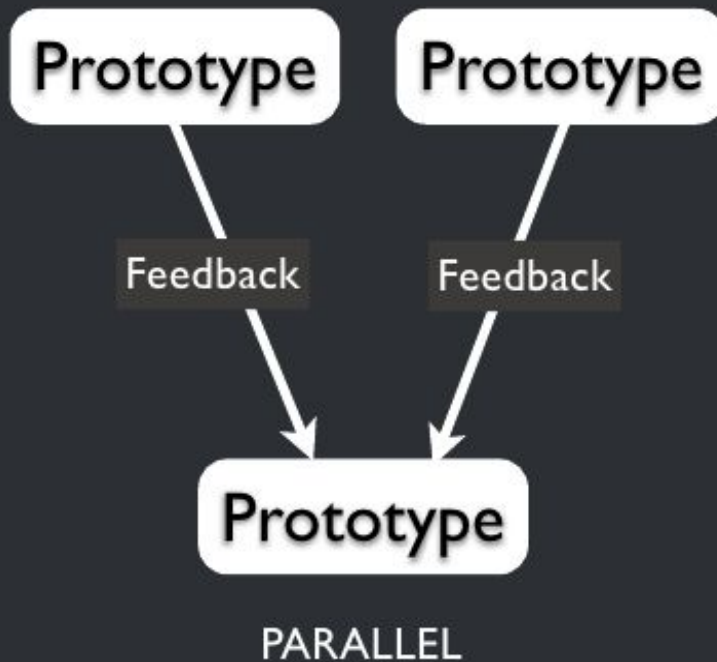
- Gets to be rejected

Prototyping

Benefits:

1. **Holistic** focus – helps emphasize how an interface accomplishes a task

2. **Avoids commitment** to a **particular** user interface

3. Helps get all the stakeholders on the **same page** in terms of the **goal**

Prototyping

Different prototyping pathways:

1. Parallel

2. Serial

PARALLEL   SERIAL

Prototyping

What should it convey?

1. **Setting**

   - People involved
   - Environment
   - Task being accomplished

2. **Sequence**

   - What steps are involved?
   - What leads someone to use the app?
   - What task is being illustrated?

3. **Satisfaction**

   - What's motivates people to use this system?
   - What does it enable people to accomplish?
   - What need does the system fill?

Prototyping

Paper prototyping tips and tricks:

1. Develop user **personas** that includes his/her social background and occupation. It should also capture a his/her motivation, beliefs, intentions, behavior and goals.

2. Keep all your materials in one place. Small interface widgets tend to get lost or damaged easily.

3. Work quickly and make reusable components (buttons, etc.).

4. If something is difficult to simulate (progress indicators, right mouse menus, hyperlinks), have the user ask if it is available and then verbally describe the interaction.

5. When appropriate, add context by including familiar operating system elements.