Week Two

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Overview
Coding templates from designs using Bootstrap as the base framework.

Work method
Individually, on local machine

New Tools
Balsamiq/Muse, Sass, Bootstrap

Project
Build a Bootstrap application to collect data

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Module Outline

- project phases: information gathering, wireframing, design, build, testing.
- user journeys + personas
- Bootstrap as your layout base
- Sass

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Requirements, Workflow, UX, Scamps, Wireframes

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New Project

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Workflow

Each company has own work methods

- Waterfall
- Agile
- Lean

Typical waterfall project process

- Get brief
- Sitemap / Information Architecture
- Review and sign-off
- Wireframing / Prototyping
- Review and sign-off
- Specification
- Review and sign-off
- Design
- Review and sign-off
- Build
- Profit

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Problems?

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Brief

'fill out' the brief

What other information needs to be gathered?

E.g.

- who are your users?
- what are they trying to do?
- what are the business aims
- what technologies are we going to use? Do they need to be able to support it in-house?
- what other systems does it need to work with?

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Personas

Different people are different

People will use your site differently, for different purposes

We should:

- try to understand who they are
- plan for their needs
- test for their typical behaviours

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Exercise: http://apprenticeshiphubwest.co.uk/

- What is this site for
- Who are our users (name three)
- What will they do
- What technologies will they use

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Your users as people
...and typical behaviours

For example, [Apprenticeship Hub West](#) has:

- Business users

- Parents

- Apprentices

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Sitemap

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Articulates page structure of a website

Start to think about:

- Hierarchy of content

- Sections and pages

- User journeys

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List-style sitemap

- Home
- About
- News
    - Press releases
        - Article
        - Article
    - Blog
        - Article
        - Article
    - Sign up to our newsletter
- Events
    - Event
    - Event
    - Event
    - Archive
        - Event
        - Event
        - Event
- Contact
- Cookies & privacy policy

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Flowchart-style sitemap

```
Home
├── About
├── News
│   ├── Press Releases
│   │   ├── Article
│   │   └── Article
│   └── Blog
│       └── Article
├── Events
│   ├── Event
│   ├── Event
│   └── Archive
│       ├── Event
│       └── Event
└── Contact
```

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Tools

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Sitemap tools
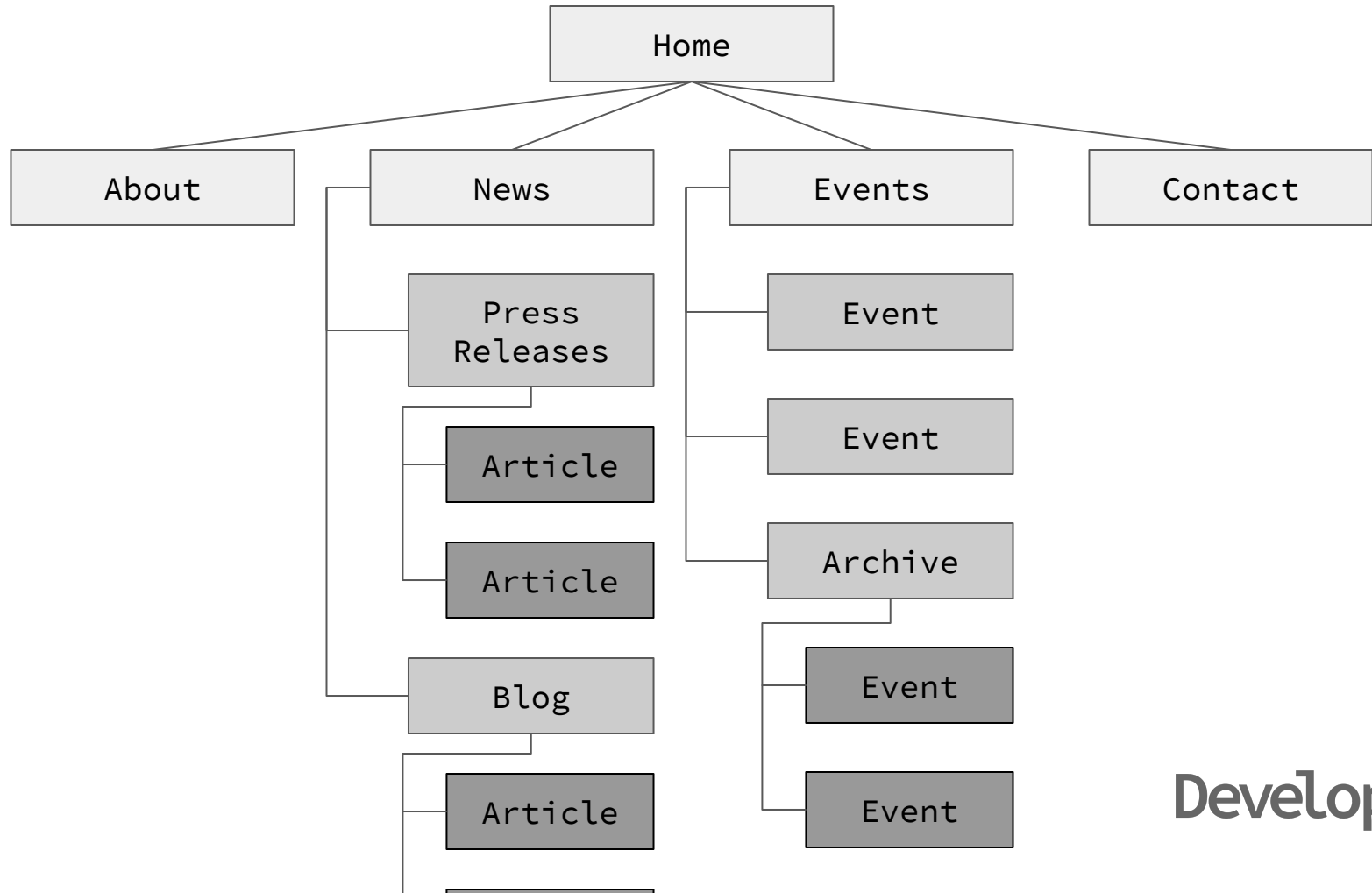
- http://quirktools.com/smaps

- Spreadsheet

- Word/text document

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1	Home
2	About News Events Contact
3	Press Releases Blog Event Event Archive
4	Article Article Event Event
5	Article Article

This weeks brief

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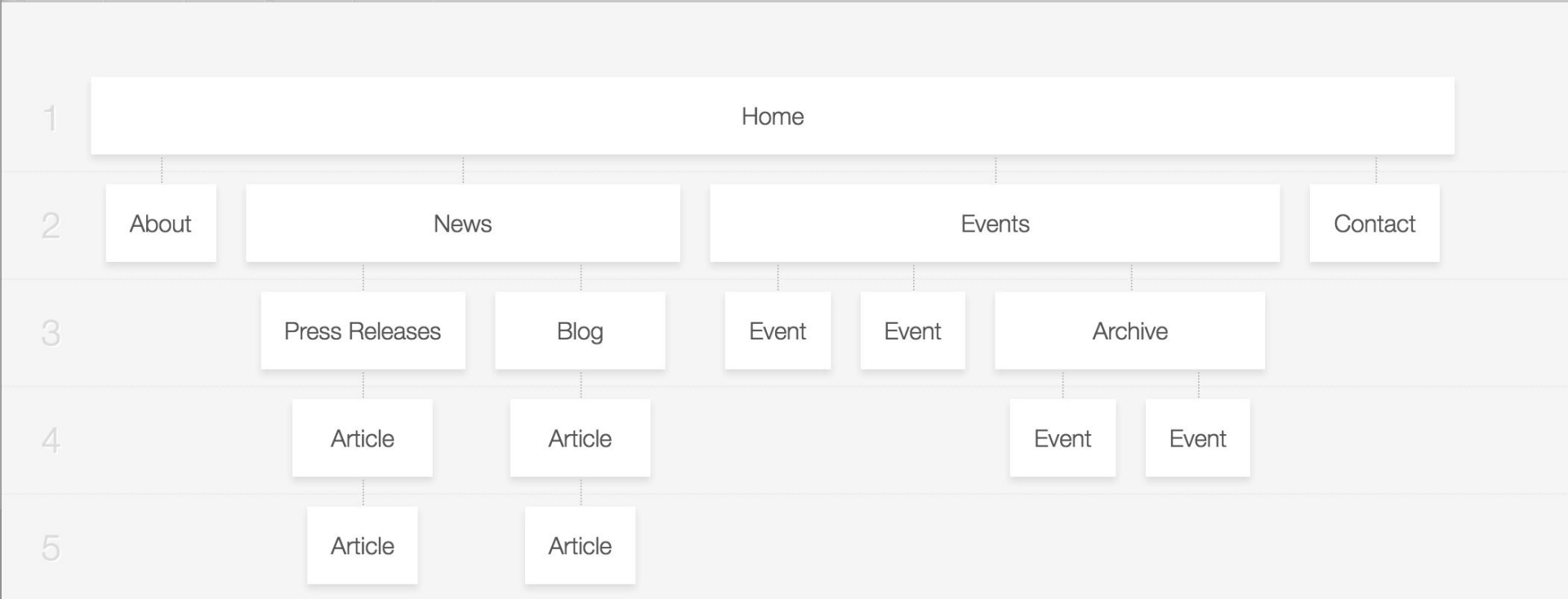
Setup - Business Case Background

We are a medical device manufacturer with sales teams who go into hospitals to visit our customers, who are health care equipment procurement staff.

We'd like to be able to record sales cases on-site using our sales team's tablets.

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Brief

Build a website that allows our sales agents to log in and record their cases.

Sales managers need to be able to export data.

Agents should be able to view their cases and those of others.

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Exercise: Let's think about this...

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Brief

Build a website that allows our sales agents to log in and record their cases.

Sales managers need to be able to export data.

Agents should be able to view their cases and those of others.

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Exercise

Planning

Start planning your application and create:

- Personas and typical behaviours

- Sitemap

- Sign off with client - review with class

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normal user account stuff

content type, CRUD?

(create, update, delete)

Brief

Build a website that allows our sales agents to
log in and record their cases.

Sales managers need to be able to export data.

user levels

Agents should be able to view their cases and those
of others.

View all, one.

Edit all too?

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Exercise

Planning

Start planning your application and create:

- Personas and typical behaviours (30 mins)
- Sitemap
- Sign off with client - review with class

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Example sitemap

- Login
  - Welcome screen
  - Cases
    - Create case
      - Case saved
    - Edit case
      - Case saved
    - My cases
      - View case
    - All cases
      - View case
  - Admin area
    - Export Cases
    - Users
      - Create user
        - User created
      - Edit user
        - User updated
      - Delete user
        - User deleted
  - Logout
- You've been logged out
- Register
  - Account created
- Forgotten Password
- Reset Password
  - Password reset

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Scamping & Wireframing

Articulates elements and layout

Start to think about:

- Content hierarchy on the page

- Layout + UI

- user journeys - how to get around

- Responsive behaviour

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Without design!

Crucially, a way of thinking about the content and behaviour **before visual design is considered**.

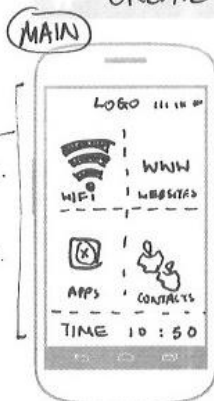That's why wireframes will **look bland and grey.**

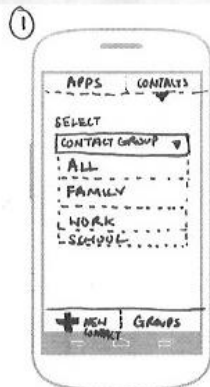We want to **focus on the function** of the site before we start thinking about style.

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Scamps

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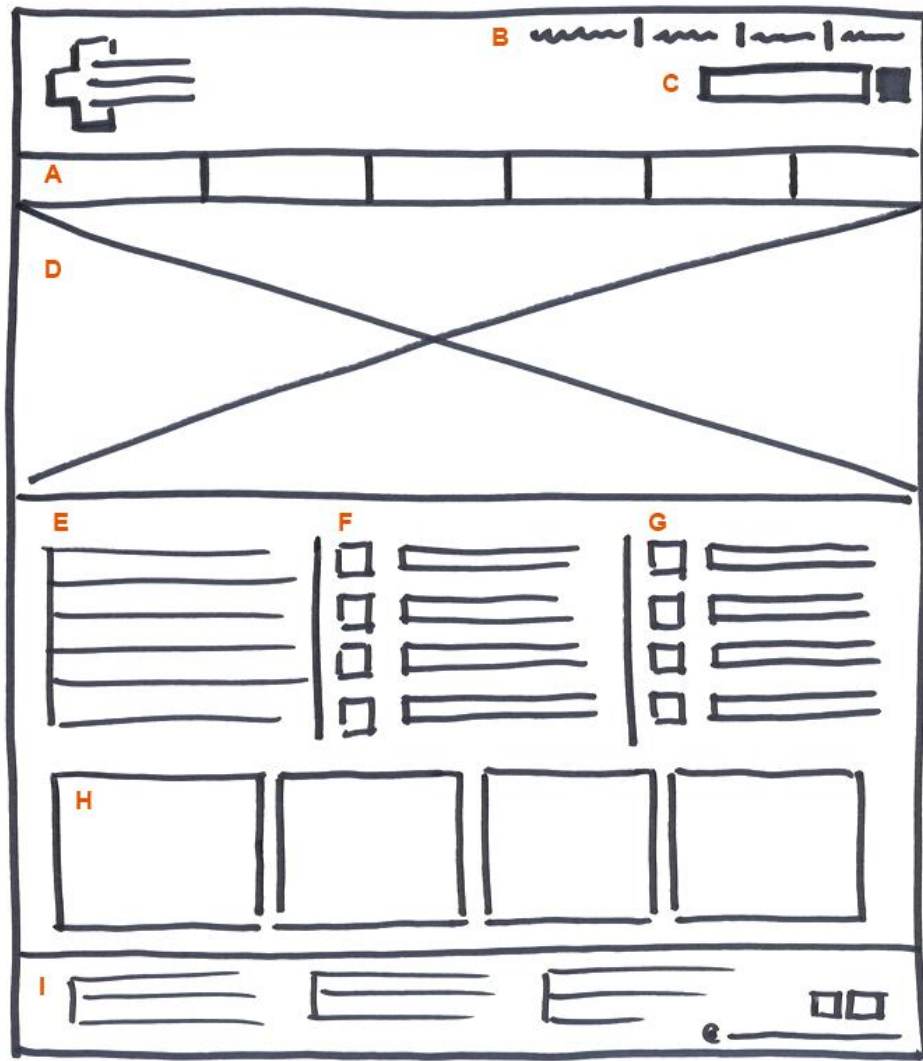
CREATE FILTER / EDIT FILTER PAGES.

MAIN

Click once to turn ON Filter feature.

press again to turn OFF filter feature.

LOGO

WIFI — WWW WEBSITES

APPS — CONTACTS

TIME 10:50

FILTER MENU SCREEN

①

APPS | CONTACTS

SELECT
CONTACT GROUP ▼
ALL
FAMILY
WORK
SCHOOL

+ NEW CONTACT | GROUPS

CONTACTS SCREEN.

can select more than one group.

②

APPS | CONTACTS

SELECT
CONTACT GROUP ▼

FAMILY

WORK
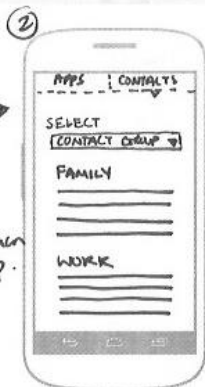
CONTACTS SCREEN
(once groups selected)

you can edit the list & take out individual contacts.

* swipe right to last to delete.

①

APPS | CONTACTS

SELECT
APP GROUP ▼
ALL
SOCIAL MEDIA
GAMES
BLAH

GROUPS

APPS SCREEN.

Groups.

②

APPS | CONTACTS

SELECT
APP GROUP ▼

SOCIAL MEDIA

GAMES

GROUPS

APPS SCREEN
ONCE GROUPS SELECTED

①

WIFI | WEBSITES

SELECT
WWW GROUPS ▼
ALL
NEWS
WORK

+ NEW WWW | GROVES

WEBSITE SCREEN

②

WIFI | WEBSITES

SELECT
WWW GROUP ▼

NEWS

+ NEW WWW | GROUPS
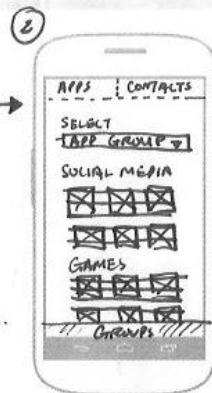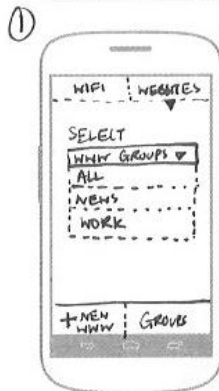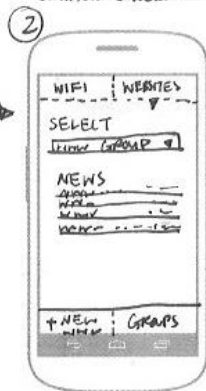
WEBSITE SCREEN
(once groups picked)

APPS | CONTACTS

NEW CONTACT ✕
NAME
TEL
email
GROUP
SOCIAL
FAMILY
WORK
SCHOOL

can add contact into multiple groups.
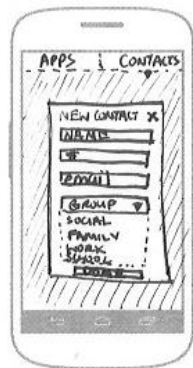
ADDING "NEW CONTACT"
OR
"NEW WEBSITE"
POP-UP.

GROUP +

SCHOOL
CONTACT 1
CONTACT 2
CONTACT 3
CONTACT 4

WORK

FAMILY

FRIENDS

add new group

tap to see ppl in that group.

"GROUPS" page

NEW GROUP
NAME

ADD CONTACTS

POP-UP
PEOPLE

click to add
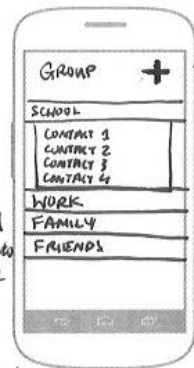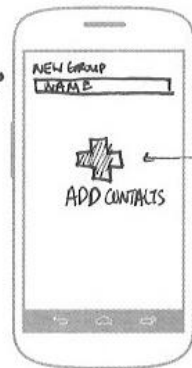
ADD NEW GROUP.

Exercise

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Scamp a page!

Quickly draw out a page of the app with pen and paper.

Annotate, make notes, get thinking.

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Wireframes

Think detail

Give to a designer to create designs from.

All elements & functionality.

Include notes and interaction.

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Dan Danny Boy

FAVORITES

📄 News Feed

🖵 Messages

🖽 Events

🖼 Photos

ADVERTS

🖵 Adverds Manager

PAGES

⊠ Chaos Media

🏳 Like Pages

GRUPS

⊞ Create Group

APPS

🖽 App Centre

🖐 Pokes

🗎 Notes

⭐ Games Feed

📄 **Update status**   🖼 **Add photo/video**

Wath's on your mind?

SORT ▾

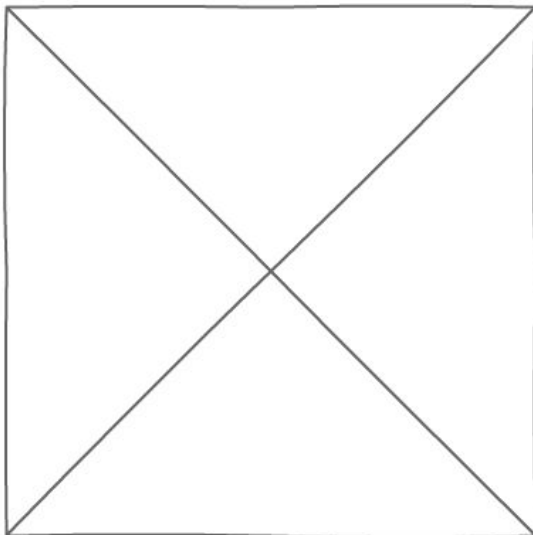**Dan Danny Boy**
:D

Facebook surpasses
wwww.youtube.com

Facebook surpasses one billion users as it tempts new markets

▶

Like ·Comment · Share · 11 minutes ago ·

Ana Mary changed her Profile picture.

📦 **Alex Ale** and 1 other

🖽 **2 events** today

Sponsored ((•))   Create an advert

Aldus PageMaker.wix.com

Aldus PageMaker including versions of Lorem Ipsum.

Aldus PageMaker.wix.com

Aldus PageMaker including versions of Lorem Ipsum.

Aldus PageMaker.wix.com

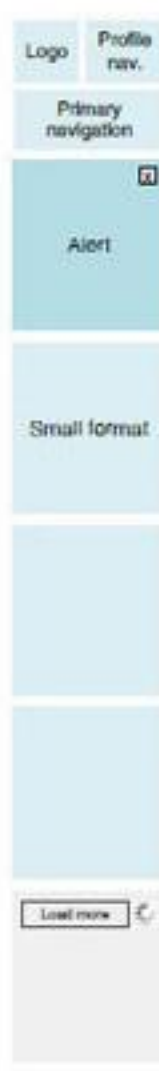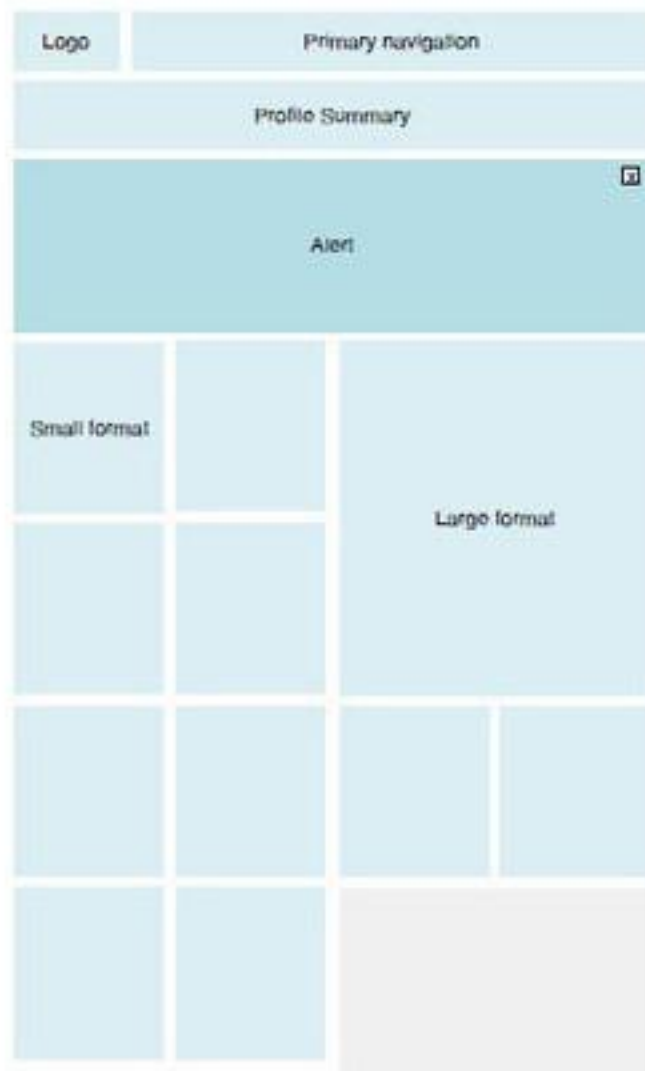Aldus PageMaker including versions of Lorem Ipsum.

Aldus PageMaker.wix.com

Aldus PageMaker including versions of Lorem Ipsum.

Aldus PageMaker.wix.com

Aldus PageMaker including versions of Lorem Ipsum.

Aldus PageMaker.wix.com

Aldus PageMaker including versions of Lorem Ipsum.

Aldus PageMaker.wix.com

Logo

Primary navigation

Profile Summary

Alert

Small format

Large format

Logo

Profile navigation

Primary navigation

Alert

Large format

Logo

Profile nav.

Primary navigation

Alert

Small format

Load more

Oli's pro tips #57

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Explain what it's for

When sending a wireframe link to a client you should include an explanation of what a wireframe is for, what feedback is useful, and what isn't

"It works well but I don't like the grey"

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Oli's pro tips #58

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Explain what it's for **on the wireframe**

Clients will circulate a wireframe link within the organisation, often **without your helpful explanation** of what a wireframe is for...

...so add the description to the wireframes front page!

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| Link One | Link Two | Link Three | Search |

Link One

Link Two

Link Three

Hello, Clarice…

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

E.T. phone home

E.T. phone home

E.T. phone home

Tools

Wireframe tools

QuirkTools: Wires
Interactive wireframes and prototypes in browser.

Balsamiq Mockups

Adobe Muse

UXPin

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Features to look for

- Share online / export as HTML to upload

- Separate clickable and linkable elements

- Ability to annotate by clients

- Support for versions? /v1/wireframe.html, /v2/wireframe.html...

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Exercise

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Wireframe

Use Balsamiq to create detailed wireframes of the app.

Include all functionality, interactions, annotations etc...

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Thank you.

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Learning for a digital world™