

HowManyDays

organizing the unorganizable

By: Arnau-Lenin Gols

Glossary

1. Idea: what's this?
2. Objective: Motivate
3. Method: Gamification
4. Tech: web + iCal
5. Related: Other similar apps
6. Pages: UX / UI

1. Idea: what's this?

The calendars are thought for organized people... but I need a calendar too!

It's a calendar that fits with people without everything fixed!

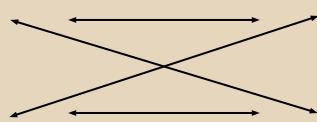
There are four types of events:

Fixed date

Unknown date

Just One Time

Loop Event



The forgotten one...

Unknown date & Event Loop!

For example...

HowManyDays have been since...

I visit my grandma

Go out of the city

Call a friend who lives abroad

2. Objective

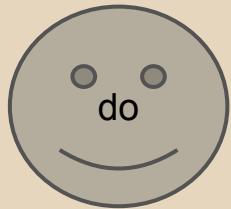
Organize the Unorganized

Motivate to do

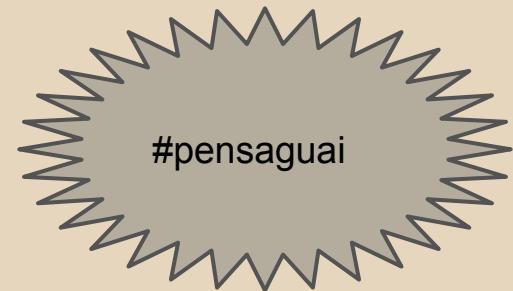
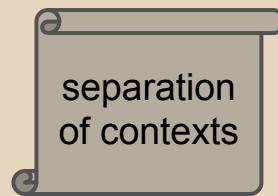
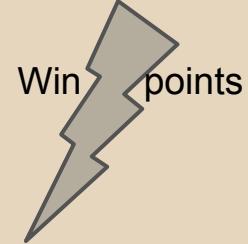
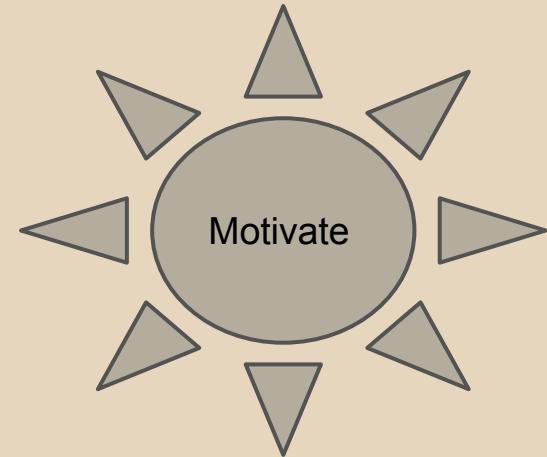
Realize all work done

Suggest new challenges

3. Method: Gamification



How Many Days have been since
you did it?





Filters

 Search Pending Shared All

New How Many

Categories

 Big Icons Wind Rose Users History

Body



Healthcare



Sport



Nutrition



Rest, Hygiene & Aesthetic

Mind

Culture
Intelligence
LearnResearch
ExplorationAltruism
CommunityCenter
Moral
Philosophy
Spirituality

Maintenance-Support-Necessities

Work
Finances
MoneyHome
Unpaid workEntertainment
Hobbies
LeisureVice
Unhealthy habits
Weaknesses

Pleasure



Family



De tota la vida



Ramon Llull i escoltes



Feina i +



Thailandia



Game Of Thrones

Suggest *HowMany*s (*Events*) with predefined *Tags* (*Categories*)

4. Tech: web + iCal

- Why web techs?
Compatibility & Platform independent
- But... save all data in the cloud??
¡No! Is very personal! Is very confidential!
- So...
Offline & Standalone!
- How?
With portable (& encryptable) file!

Create specs & extension? No! Already exists:

iCal

Created in 2009, compatible with all calendars: google, outlook...

Objects:

vCalendar
vEvent
vTodo
vJournal
vAlarm
vTimeZone
vFreeBusy

Properties:

Summary → Name
Description →
Location →
Categories → Tags
Attach → Photo, files...
Organizer → User
Status → Tentative/Confirmed
Priority → High/Medium/Low
Percent-complete, resources, geo...

Dates:

dtStart / dtEnd / due / created / completed / duration

Recurrence:

exdate / exrule / rdate / rrule

Relations, Alarms...

<http://www.kanzaki.com/docs/ical/>

	Calendar	Event	Todo	Journal	Freebusy	Timezone	Alarm	Alarm(case)	Alarm(case)	Alarm(case)	Standard	Daylight
Properties:												
action							R-1	AUDIO	DISPLAY	EMAIL	PROCEDURE	
attach		O-n	O-n	O-n				O-1		O-n	R-1	
attendee		O-n	O-n	O-n	O-n					R-n		
calscale	O-1											
categories		O-n	O-n	O-n								
class		O-1	O-1	O-1								
comment		O-n	O-n	O-n	O-n							
completed			O-1									
contact		O-n	O-n	O-n	O-1							
created		O-1	O-1	O-1								
description		O-1	O-1	O-1				R-1	R-1	O-1		
dtend	R-1(E1)				O-1							
dtstamp	O-1	O-1	O-1	O-1								
dtstart	O-1	O-1	O-1	O-1							R-1	R-1
due		R-1(E2)										
duration	R-1(E1)	R-1(E2)			O-1		O-1(I1)					
exdate	O-n	O-n	O-n									
exrule	O-n	O-n	O-n									
freebusy				O-n								
geo		O-1	O-1									
last-mod		O-1	O-1	O-1			O-1					
location		O-1	O-1									
method	O-1											
organizer		O-1	O-1	O-1								
percent			O-1									
priority		O-1	O-1									
prodid	R-1											
rdate		O-n	O-n	O-n								
recurid		O-1	O-1	O-1								
related		O-n	O-n	O-n								
repeat						O-1(I1)						
resources		O-n	O-n									
rrule		O-n	O-n	O-n								
rstatus		O-n	O-n	O-n	O-n							
seq		O-1	O-1	O-1								
status		O-1	O-1	O-1								
summary		O-1	O-1	O-1				R-1				
transp		O-1										
trigger						R-1						
tzid										O-n	O-n	
tzname										R-1	R-1	
tzoffsetfrom										R-1	R-1	
tzoffsetto												
tzurl					O-1							
uid		O-1	O-1	O-1	O-1							
url		O-1	O-1	O-1	O-1							
version	R-1											
x-prop	O-1	O-n	O-n	O-n	O-n		O-n					
Objects:												
Calendar												
Event		R-1(OF1)										
Todo		R-1(OF1)										
Journal		R-1(OF1)										
Freebusy		R-1(OF1)										
Timezone		R-1(OF1)										
Alarm		O-n	O-n									
Standard						R-1(OF2)						
Daylight						R-1(OF2)						
O-1 = optional, once			R-1 = required, once				(En) = excluding clarifications(weather, or), n standing for a number					
O-n = optional, more than once			R-n = required, more than once				(In) = including clarifications(and), n standing for a number					
							(OFn)= At least one of the clarifications number n					

iCal	HowMany
vCalendar	Context
vEvent	Fixed event
vToDo	Event without date
Recurrence	Once / Loop
vJournal	Report

4. Tech

HowManyDays

iCal Parsers

mozilla/jsical: 177,5 kB

The most interesting, but big. Create a jCal version of iCal. [npm](#) [wiki](#)

ical2json:

jquery.icalendar: 12,9 kB

ijp: 18,4 kB

cozy-ical:

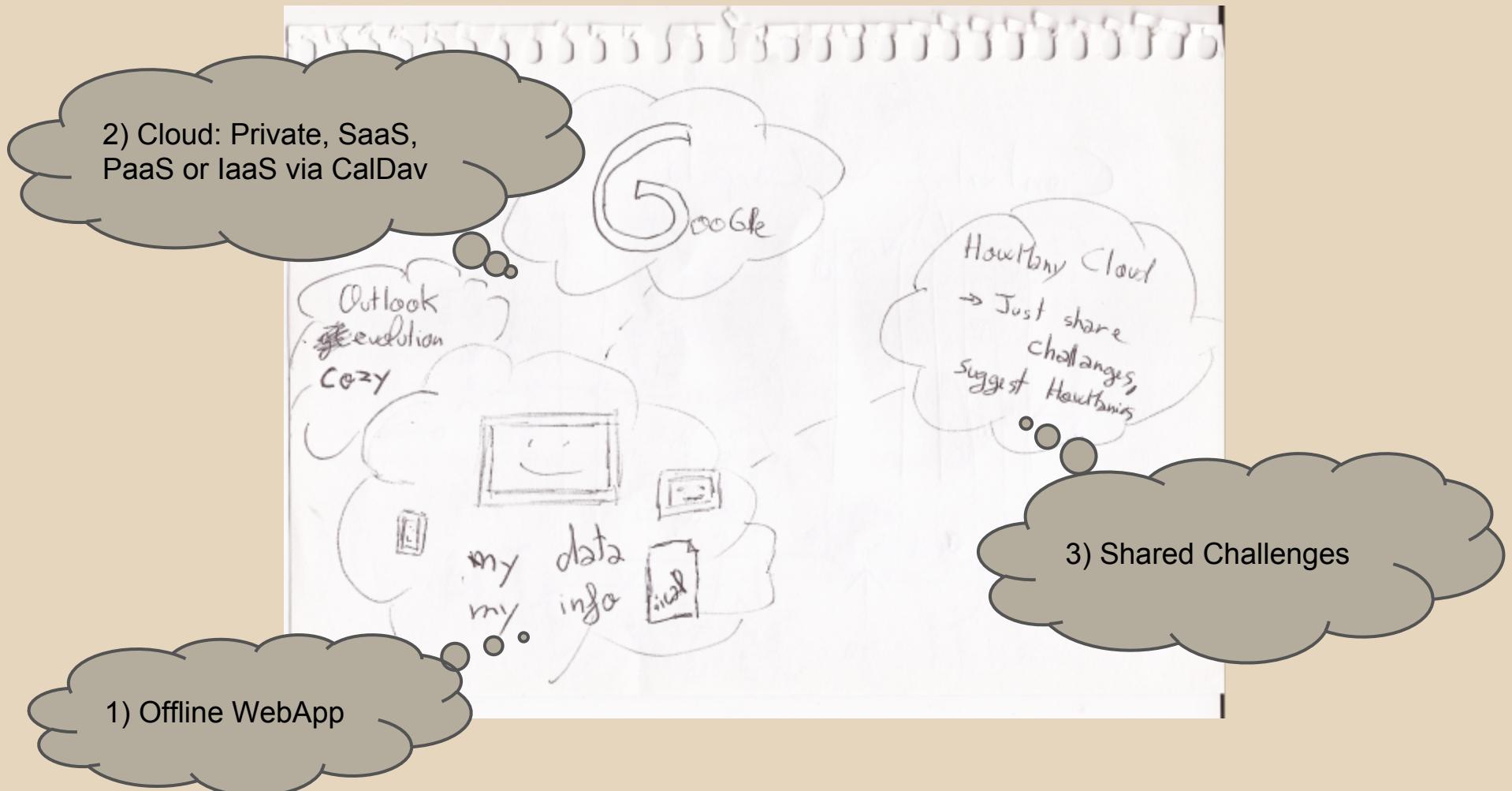
Any of them convert dates or recurrencies to native js date.

rrecur:

Convert between RFC2445 RRULE and its JSON equivalent [npm](#)

ember adapter / serializer

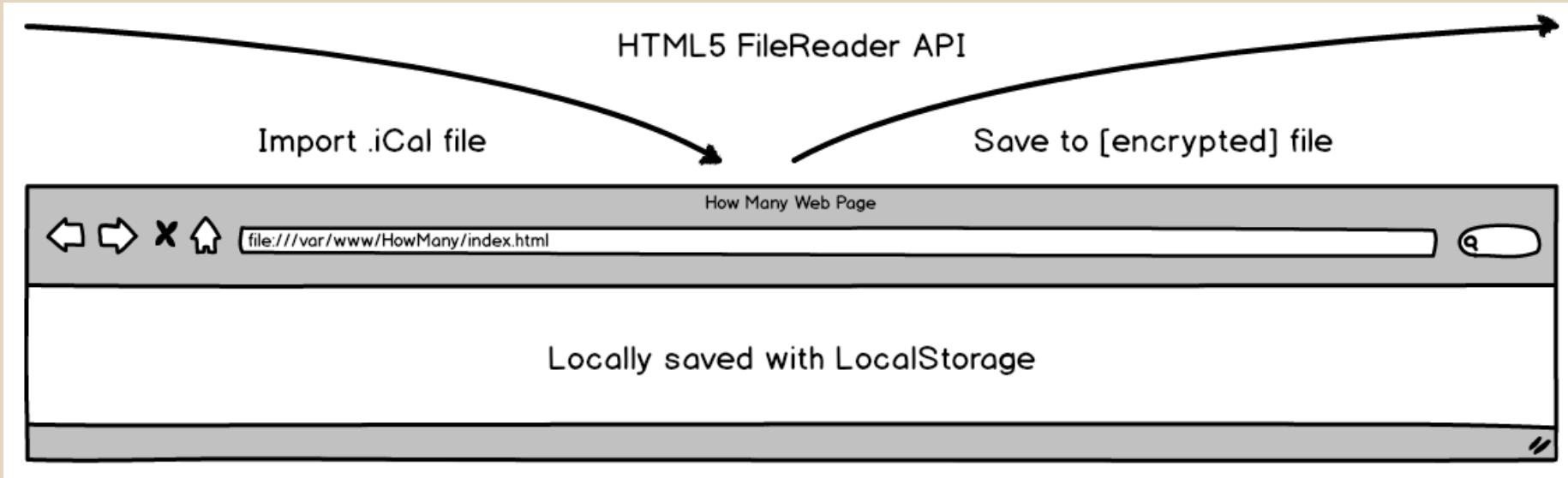
Model (or Storage)



4. Tech

HowManyDays

Model (or Storage): Offline WebApp



Very supported:

<http://caniuse.com/fileapi>

Read file:

<http://www.html5rocks.com/en/tutorials/file/dndfiles/>

Write file:

<http://hackworthy.blogspot.com.es/2012/05/savedownload-data-generated-in.html>

Even Microsoft:

[http://msdn.microsoft.com/en-us/library/ie/hh673542\(v=vs.85\).aspx](http://msdn.microsoft.com/en-us/library/ie/hh673542(v=vs.85).aspx)

Model (or Storage): Cloud Server

CalDav Clients:

b2g/caldav - Backed by Mozilla. Too much integration with FirefoxOS.

Very interesting & supported but lacks of documentation.

jquery.dav - [github](#) - Library for CalDav Lowlevel

jqCalDAV - [home gitorious](#) - Uses jquery.dav, UI for jQuery

CalDavZAP - [home demo](#) - Very interesting, [CardDavMATE](#) for contacts

agenDAV - [home github](#) - Too much integration with php

webical: [home demo](#) - Too much integration with Tomcat (Java) & MySQL

fullcalendar - [home github](#) - google readonly

Zimbra... More by [StackOverflow](#), [DAViCal](#).

Google Specific: [docs oauth ex1](#)

sara-nl/js-webdav-client : [github](#) [docs](#)

CalDav Servers:

CozyCloud [home](#) [github](#) [cozy-webdav](#), ownCloud, [sabre / dav](#)

Sync Servers: [untitaker/vdirsyncer syncEvolution](#)

HTML Microformat

<http://microformats.org/wiki/hcalendar>

```
<div class="vevent">
  <a class="url" href="http://...>http://...
  <span class="summary">Web 2.0 Conference</span>:
  <abbr class="dtstart" title="2005-10-05">October 5</abbr>-
  <abbr class="dtend" title="2005-10-07">7</abbr>, at the <span class="location">Argent Hotel</span>
</div>
```

<http://microformats.org/wiki/h-event>

```
<div class="h-event">
  <h1 class="p-name">Microformats Meetup</h1>
  <p>From
    <time class="dt-start" datetime="2013-06-30 12:00">30th June 2013, 12:00</time>
    to
    <time class="dt-end" datetime="2013-06-30 18:00">18:00</time>
    at
    <span class="p-location">Some bar in SF</span>
  </p>
  <p class="p-summary">Get together and discuss all things microformats-related.</p>
</div>
```

CSS Effects

Nifty Modal Window Effects:

<http://tympanus.net/Development/ModalWindowEffects/>

5. Related: Other similar apps



Epic Win - iOS App

<https://itunes.apple.com/us/app/epicwin/id372927221>

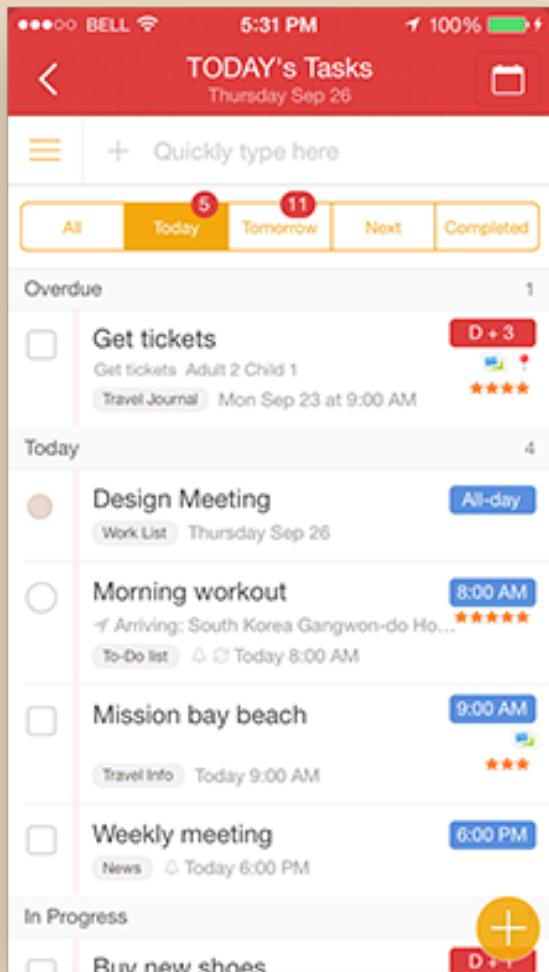
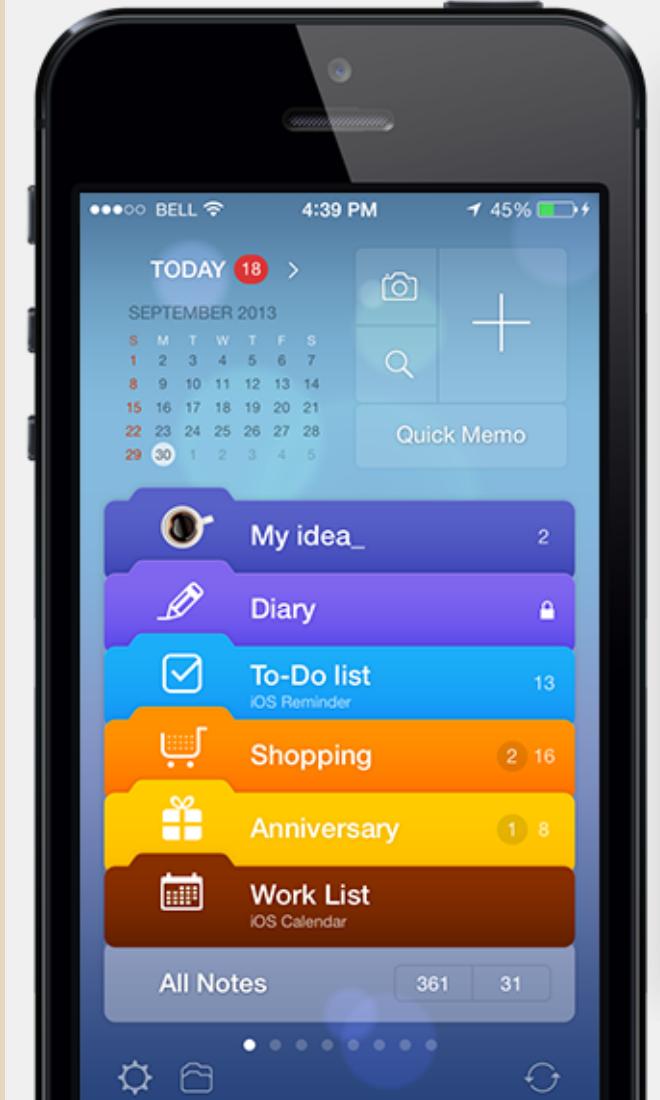


Awesome Note - iOS App

5. Related

HowManyDays

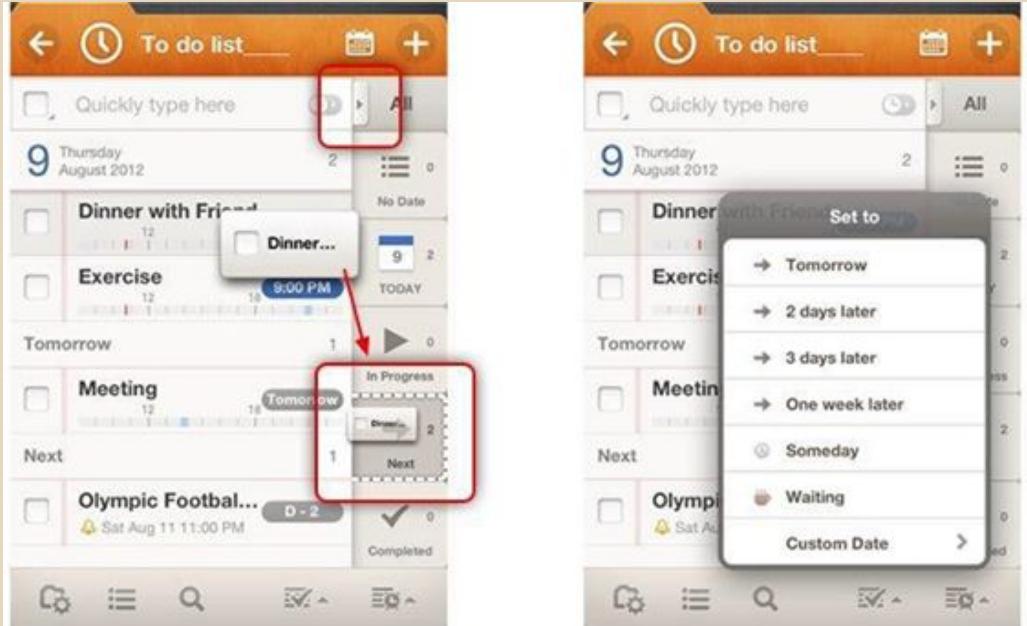
<https://itunes.apple.com/us/app/awesome-note-to-do-calendar/id320203391>



5. Related

Awesome Note - iOS App

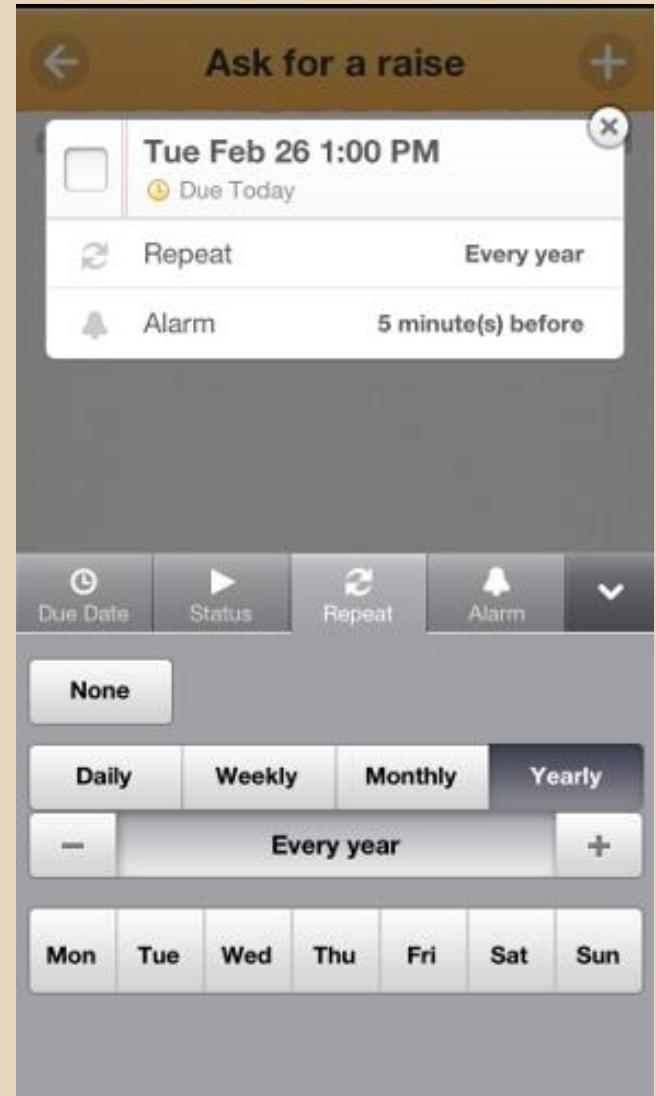
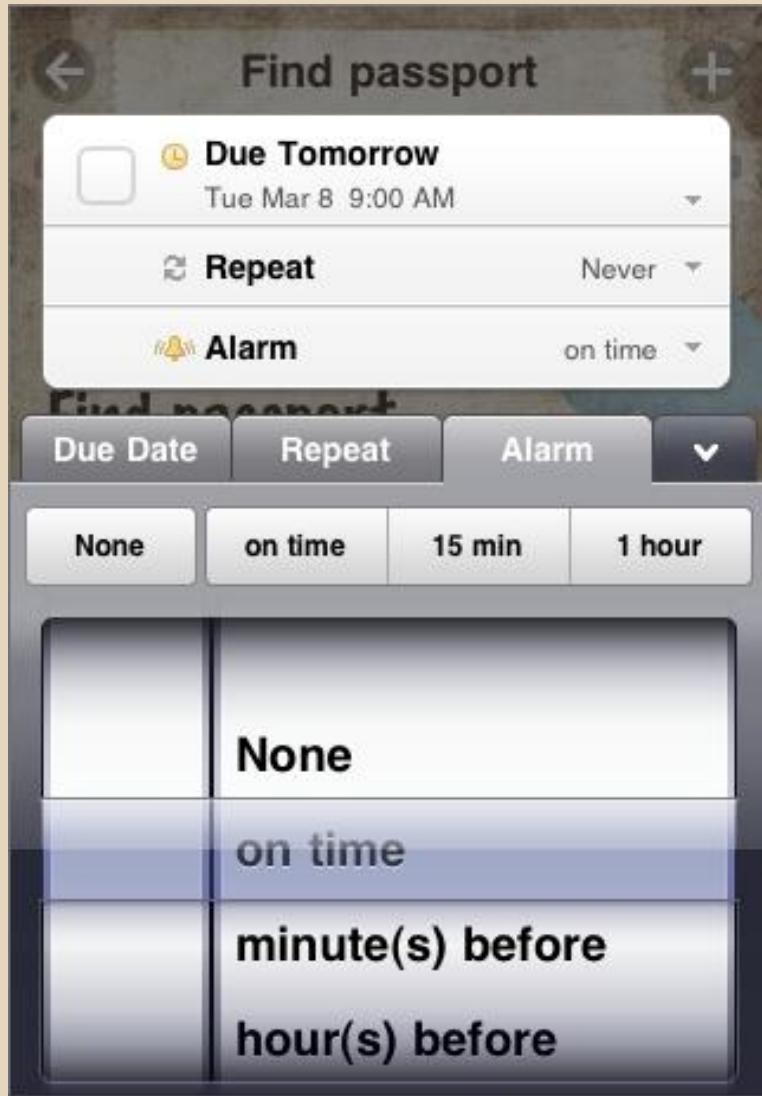
HowManyDays



5. Related

Awesome Note - iOS App

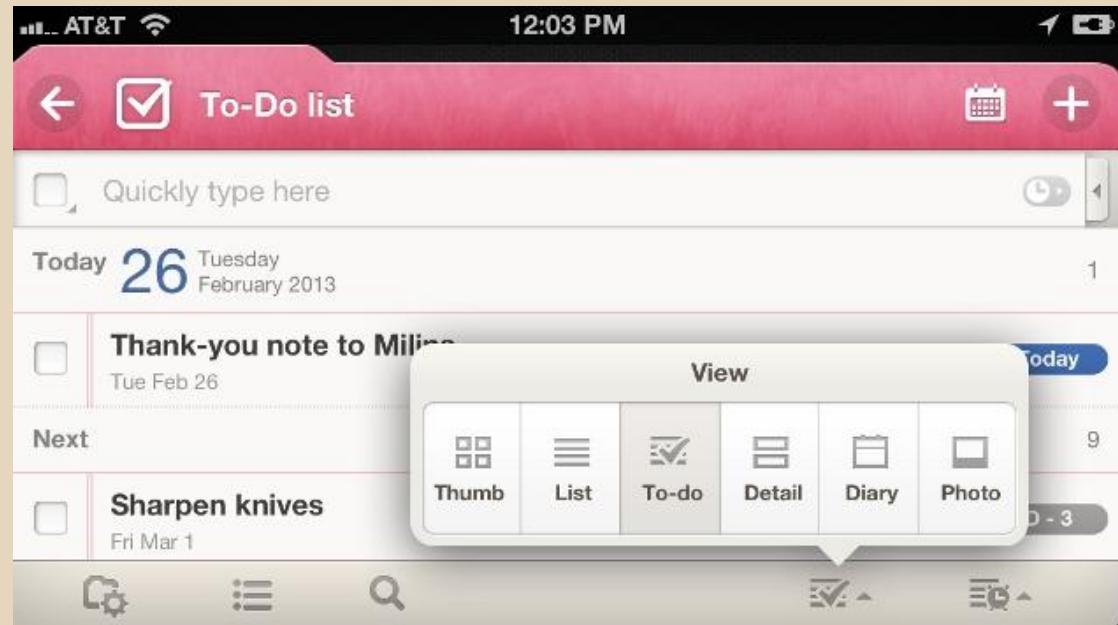
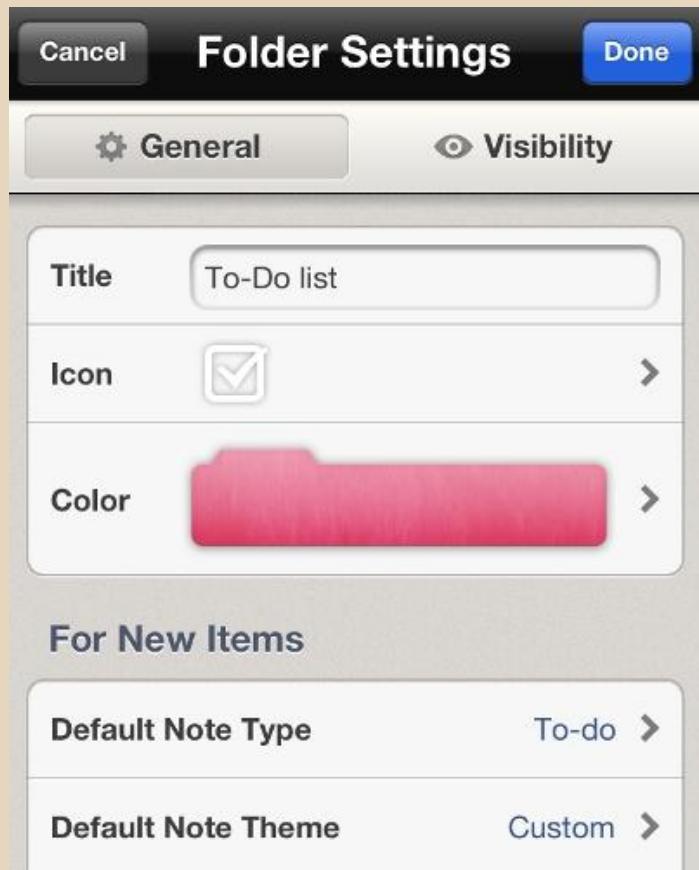
HowManyDays



5. Related

Awesome Note - iOS App

HowManyDays

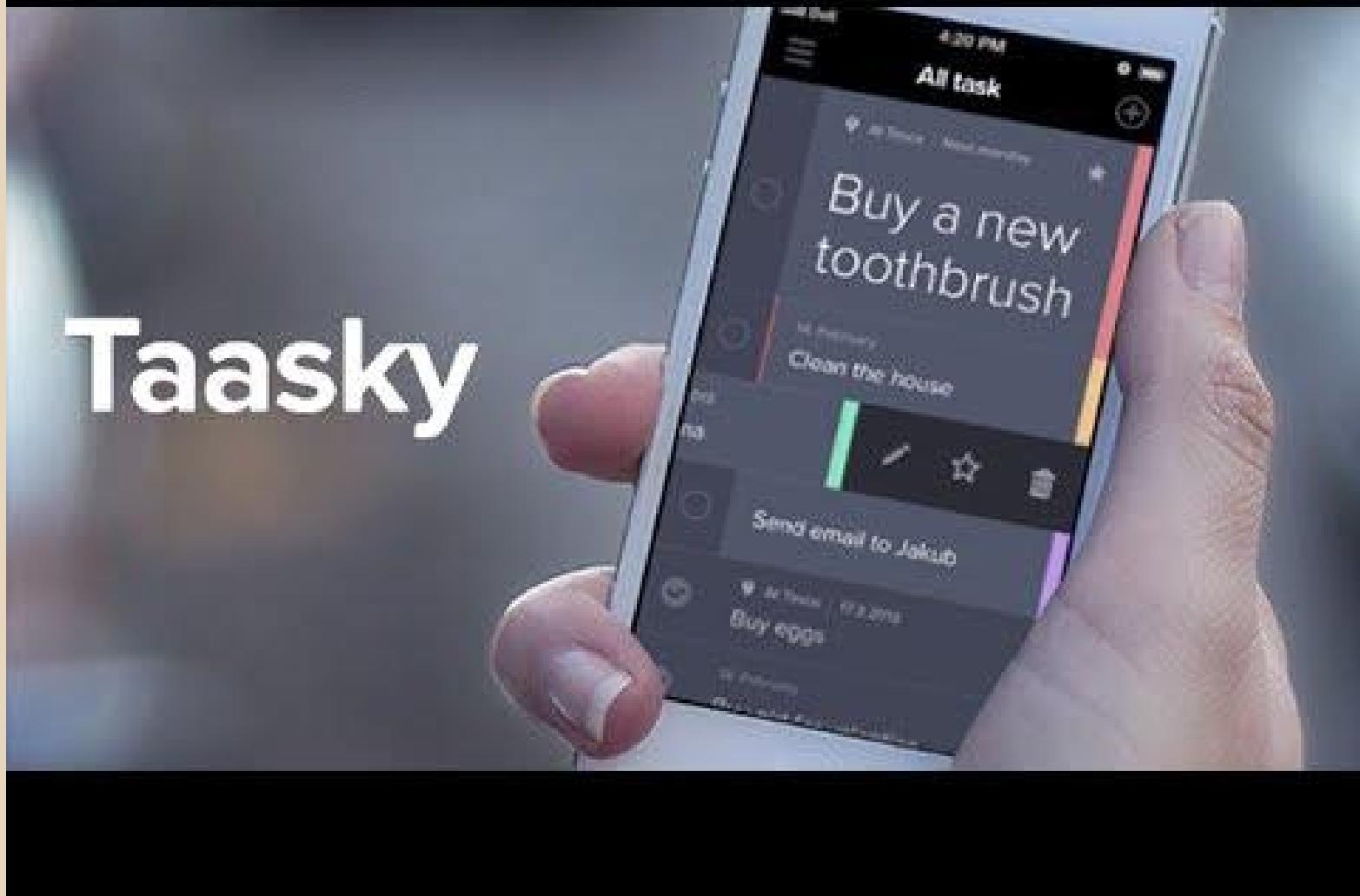


5. Related

Awesome Note - iOS App

HowManyDays

Taasky



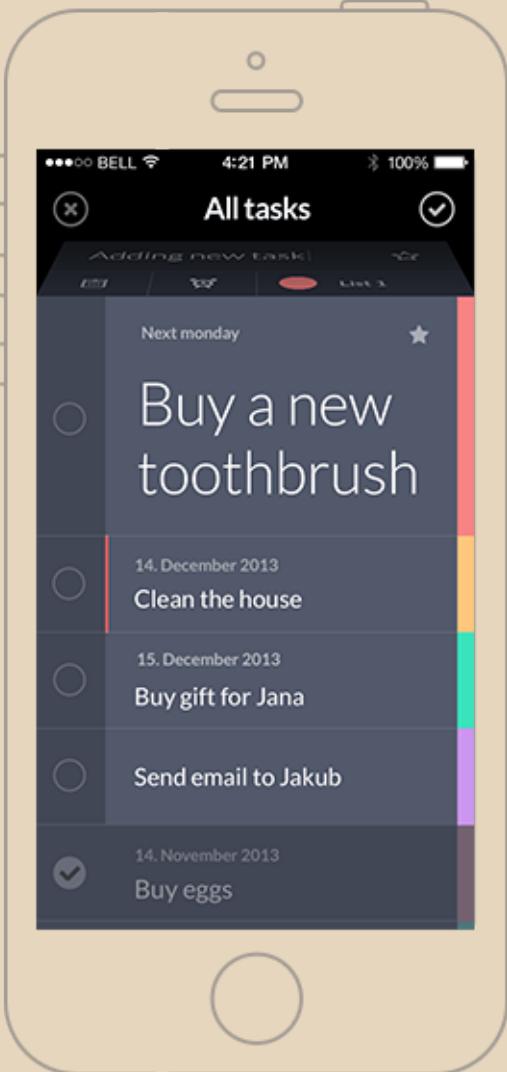
5. Related

Taasky - iOS App

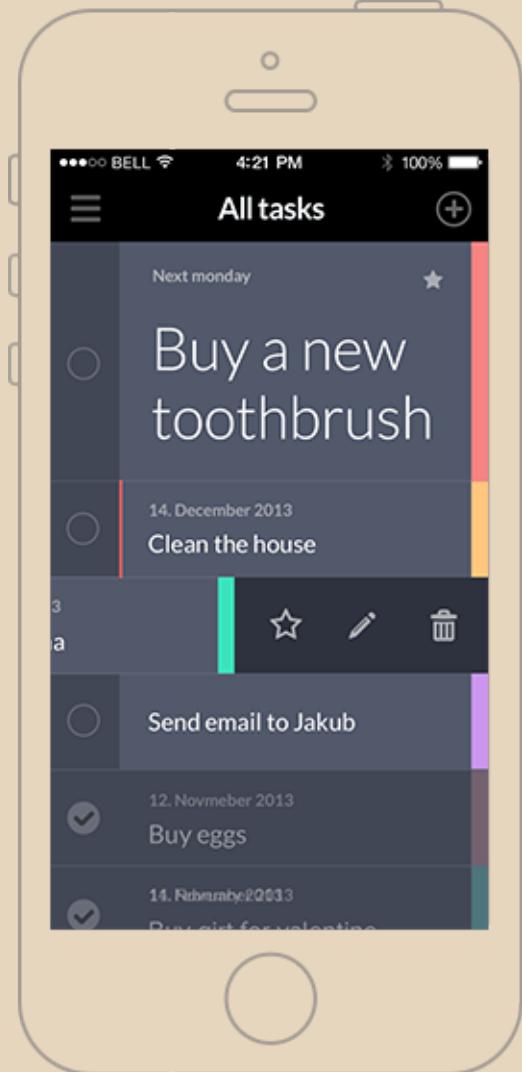
HowManyDays



Side Edge: menu



Top Edge: Create new task



Swipe gesture: edit

5. Related

Taasky - iOS App

HowManyDays

lefniere

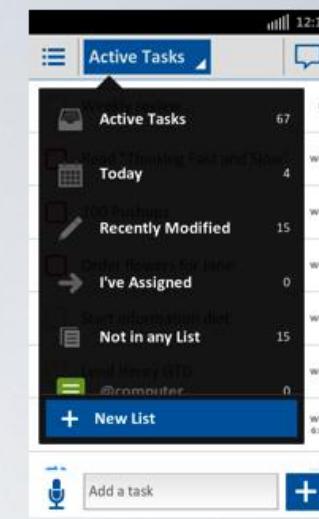
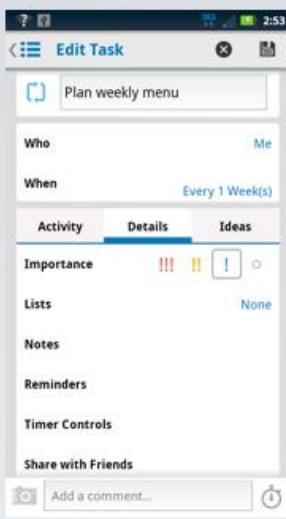
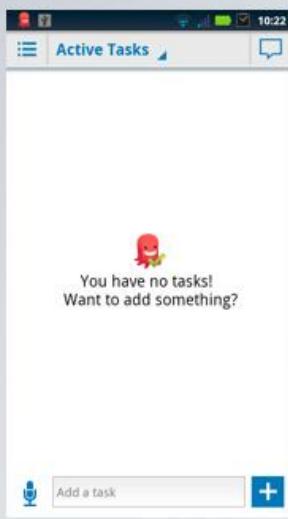
<https://habitrpg.com/static/videos>

5. Related

HabitRPG
Multiplatform OpenSource

HowManyDays

Astrid Screenshots



A screenshot of the "Pot Luck" project screen. The sidebar lists projects like "Active Tasks" (67), "Today" (5), "Recently Modified" (15), etc. The main area shows a list of tasks for "Pot Luck": "Send invitations", "Send reminder", "Make salad", "Make dessert", "Pick up napkins and utensils", "Buy fruit", "Make playlist", and "Send confirmation". Each task has a checkbox and a small profile picture. The right side of the screen is identical to the "Edit Task" screen from the previous image.

A screenshot of the "Sarah's party" project screen. The sidebar lists projects like "Active Tasks" (67), "Today" (5), "Recently Modified" (15), etc. The main area shows a list of tasks for "Sarah's party": "Invitations" (checked), "Guest-list" (checked), "Buy-stationary" (checked), "Food", "Cake", "Appetizers", and "Drinks". The right side of the screen is identical to the "Edit Task" screen from the previous image.

5. Related

Astrid - iOS/Android App

HowManyDays

In any place:

- Shake: return to home screen
- Swipe from bottom edge: open add task bar
- Swipe down on an active add task bar: dismisses task bar
- Swipe from left edge: open navigation menu (iPhone only)

In the task list:

- Swipe right on a task: postpone by a week
- Swipe left on a task: delete task

In the task edit view:

- Swipe left on Who picker: make task unassigned
- Swipe right on Who picker: assign task to self
- Swipe left on When picker: remove date
- Swipe right on When picker: quick date picker
- Swipe left on Lists picker: remove list



Explore

Following

Everybody



Chris Cornelis completed a step
Do 2 series of 25 crunches in the
dream:
Keep my body in shape

Copy

⌚ 35m



Alexa Popovich added a step **Stop
drinking/smoking** to the dream:
Have my dream body

Copy

⌚ 37m



Kirsty Marshall completed a step
**Make each walk atleast 30
minutes** in the dream:
Take Bella for a walk 4/week

Copy

⌚ 46m



Kirsty Marshall completed a step
Work out 5 days in the



Me



Steps



Explore



Challenges



Challenges



Accepted

0 Challenges



Featured

3 Challenges



Categories



Adventure

7 Challenges



Athletics

6 Challenges



Causes

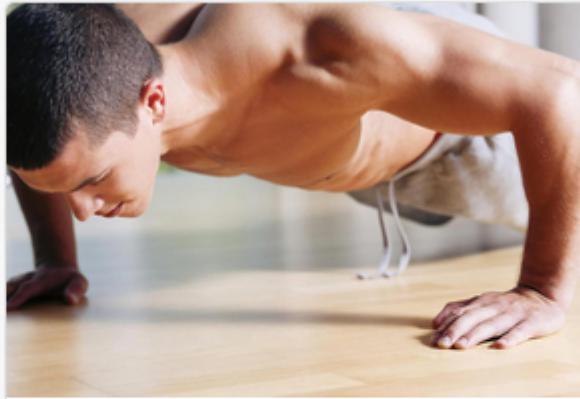
6 Challenges





Replace your unhealthy snacking
by Everest

30 participants **7** steps included



Do 50 consecutive push-ups
by Everest

42 participants **66** steps included



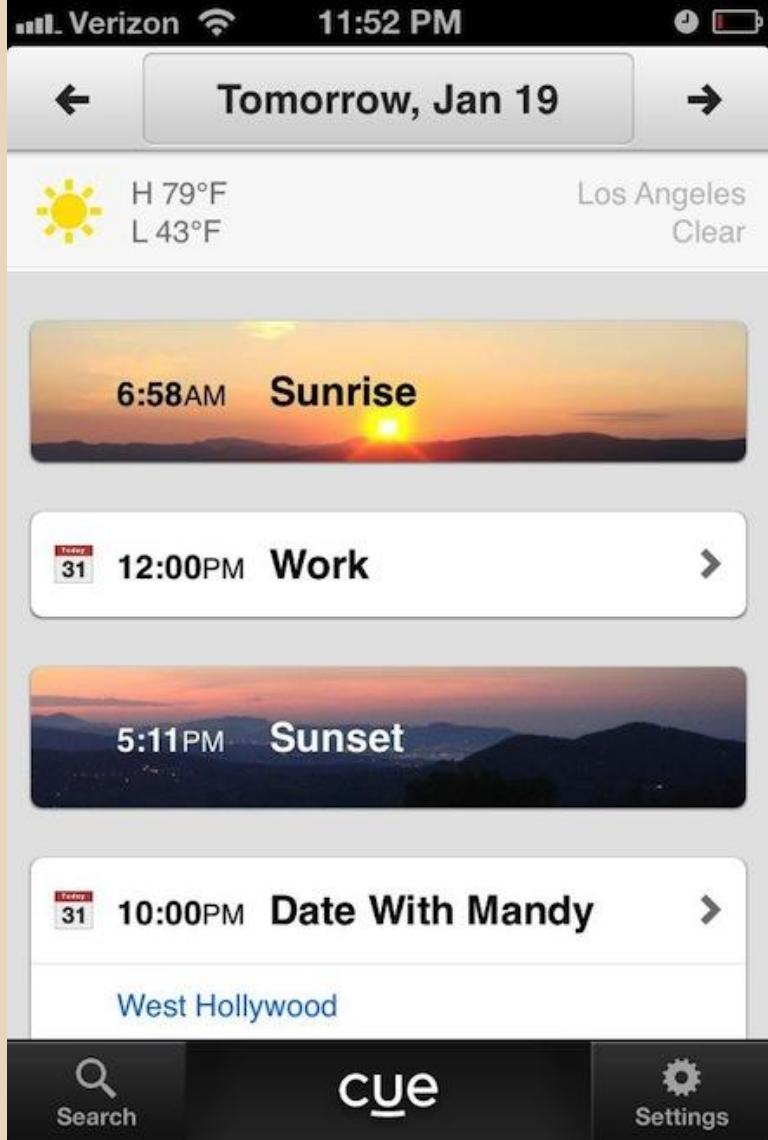
Find a way to help others
by Everest

16 participants **17** steps included

5. Related

Everest- iOS App

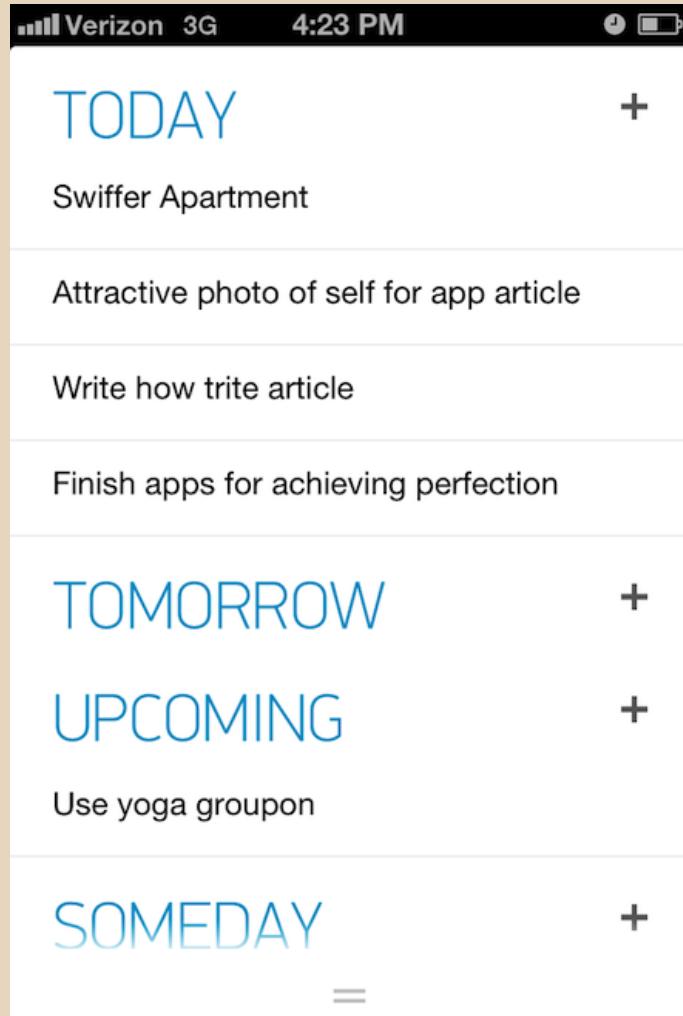
HowManyDays



5. Method

Cue - iOS App

HowManyDays



The screenshot shows the Any.do web application interface. At the top, there are navigation buttons for Today, Tomorrow, Upcoming, and Someday. Below this, a task titled "Wuaki" is being created. The task details are as follows:

- PERSONAL**: Tomorrow at 10:00 am
- REPEAT**: Once (radio button selected)
- START ON:** 07.28.2014
- REPEAT EVERY:** 1
- ENDS**: Never ends

Below the repeat section, there is a "+ Add a sub task" button. Under the attachments section, there is a "Yo ! Just drop them here" area and buttons for "Select from your computer" and "Dropbox". On the right side of the screen, there is a sidebar with links to various services: Google Analytics, Backbone.js, jQuery, RequireJS, and Underscore.js. A large green "SAVE" button is located on the right.

5. Method

Any.do - iOS/Android App

HowManyDays

This week	Next week	Later
<p>My Tasks</p> <p>GRIDS +</p> <p>Marketing</p> <p><i>Product Backlog</i></p> <p><i>Home</i></p>	<p>Mon Mar 10 to Sun Mar 16 ▾</p> <h3>Important</h3> <p>draft website <a>#copy to send to <a>@jason First draft of new website copy: <a>https://docs.googl... <small>05/20/2014 C</small></p> <p>send the updated version of <a>#PR release to <a>@jamie <small>0/2 C</small></p> <p><a>ADD A TASK...</p> <h3>Less Important</h3> <p>send <a>#PR agency updated screenshot of <a>#Version3 app <small>04/23/2014</small></p> <p><a>ADD A TASK...</p> <h3>Completed</h3> <p>improve blog design <a>@patrickq keep in mind responsive design techniques</p>	<p>Mon Mar 17 to Sun Mar 23 ▾</p> <h3>Important</h3> <p>gather <a>#email campaign results <a>@alina08</p> <p>write <a>#email newsletter <a>@will <small>1/2 C</small></p> <p><a>ADD A TASK...</p> <h3>Less Important</h3> <p>#wordpress <a>#blog menu <a>@alina08</p> <p><a>ADD A TASK...</p>
		<p>Mar 24 & later</p> <p>In Important</p> <p>review the upcoming <a>#campaign</p> <p>Follow up with <a>@jason on new <a>#blog <a>#design mockup <a>@alina08</p> <p><a>ADD A TASK...</p> <p>Less Important</p> <p>update <a>#blog siderail design with new call-to-action <a>@alina08</p> <p><a>ADD A TASK...</p>

5. Method

Sandglaz - iOS/Android App

HowManyDays

Doing (Kanban board)

Mon Oct 28 to Sun Nov 3	Not urgent/Important (Eisenhower Matrix)
Important	
#onboarding tutorial #videos #uservoice @alina This is what we used to have: we divided it into two sections	
Chrome Mobile 31 has a new 'Add To Homescreen' method. Update #uservoice article when it is released @alina	
Marketing meeting @alina @nada -do monthly goals when it's the first meeting after end... Thursday at 1:00 PM C	
ADD A TASK...	
	Urgent/Not important (Eisenhower Matrix)
Less important	
quora @alina	C
Facebook - 1 post daily @alina	

To do (Kanban board)

Mon Nov 4 to Sun Nov 10	
Important	
list of FAQ see #uservoice	
Newsletter @alina using the mobile app. saving it to homescreen?	C
#BounceRate improvements: add "more posts" in home menu #wordpress	
ADD A TASK...	
	Less important
add youtube tab to #facebook page after uploading #onboarding videos	
printing stickers & posters - cultural values & Sandglaz logo @alina Sticker paper : http://www.staples.ca/sticker+paper/dl...	
contacts re: guest blogging	

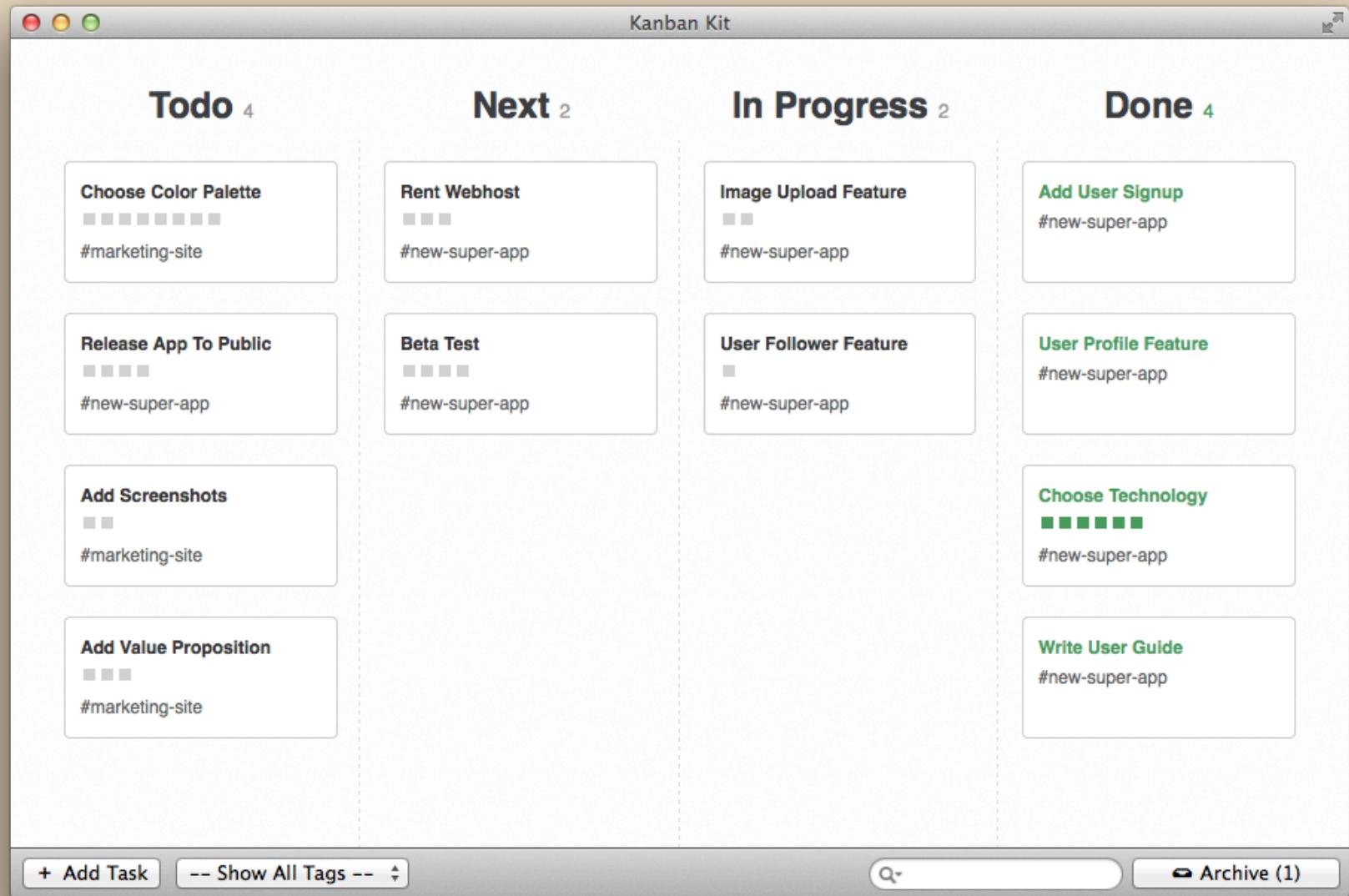
To do (Kanban board)

Nov 11 & later	
Important	
#seo #backend get pagespeed score up to 90 https://developers.google.com/speed/pagespeed/...	
kill the referral plan @nada	
instead of tour/team page, make a page on the theory behind sandglaz or 'Our philosophy' @alina @nada Is it a calendar, a task list, why do it this way? lin...	
improve #wordpress pagespeed score #BounceRate	
#wordpress webmaster tool * there are warnings. Investigate. - the sitemap...	
#wordpress add search bar on first page #BounceRate	
press page @alina @nada targeted might affect about and contact page too ...	
#wordpress #branding styling of	

5. Method

Sandglaz - iOS/Android App

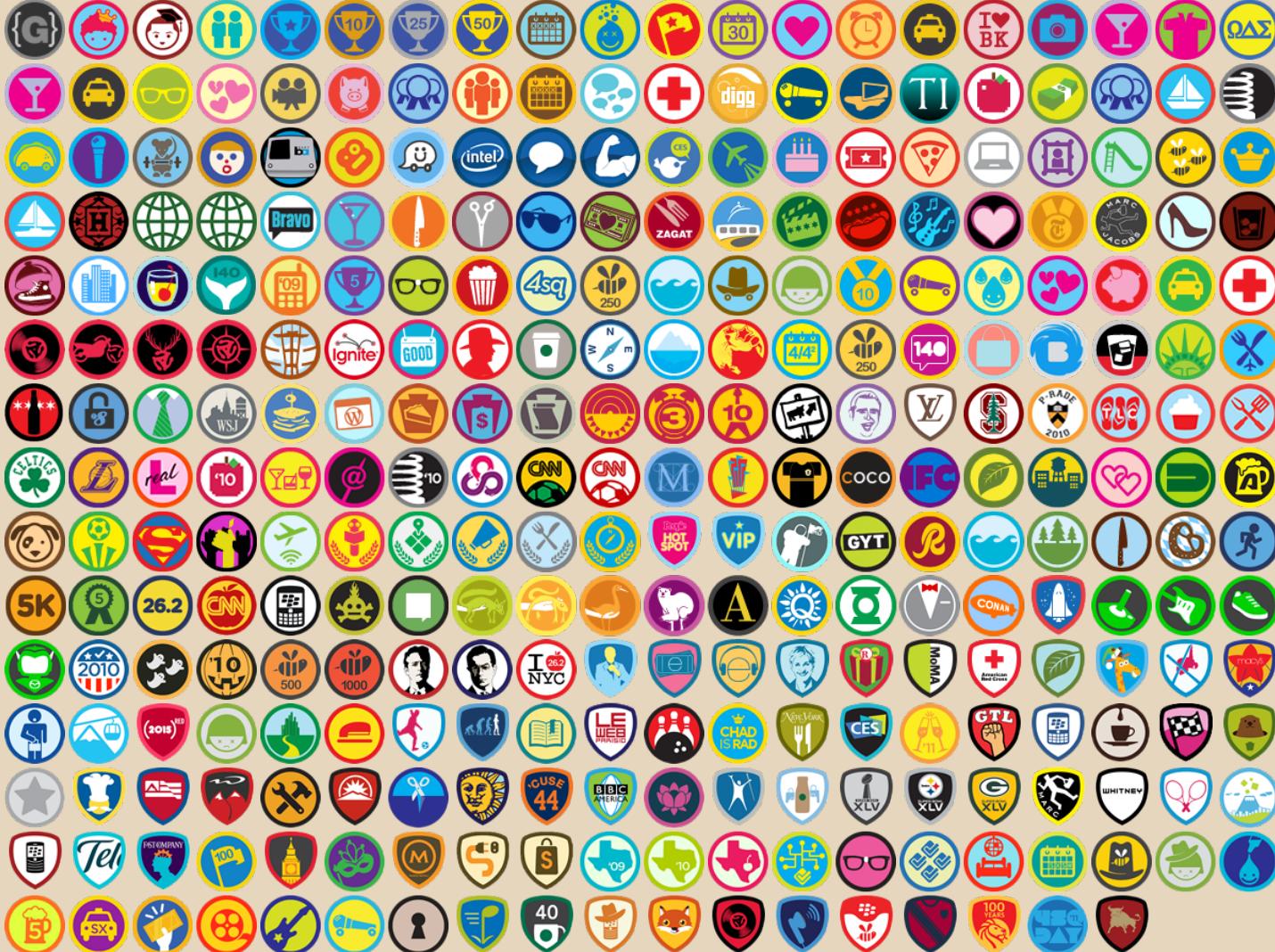
HowManyDays



5. Method

Sandglaz - iOS/Android App

HowManyDays

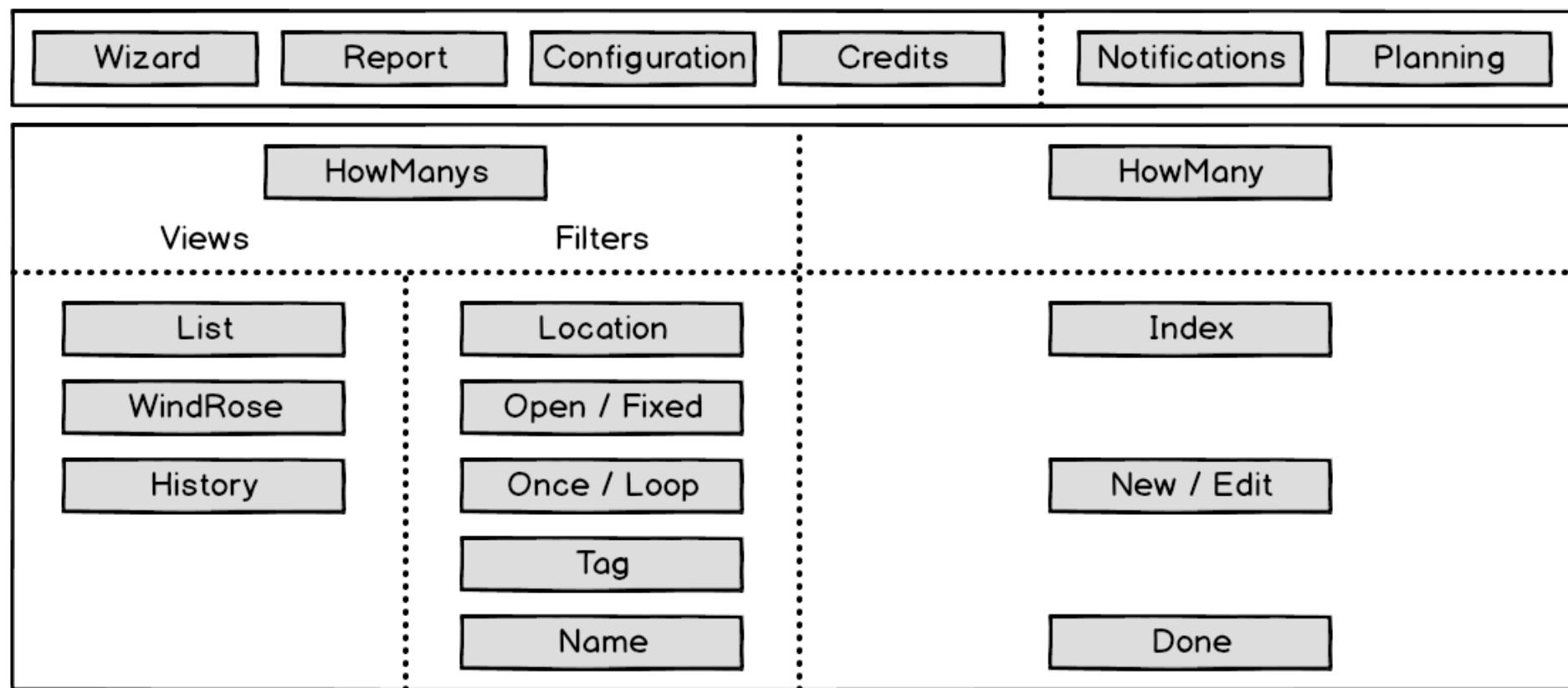


Foursquare Badges

5. Related

HowManyDays

6. Pages: Prehome & home



<http://jamaicaska.es/HowMany>

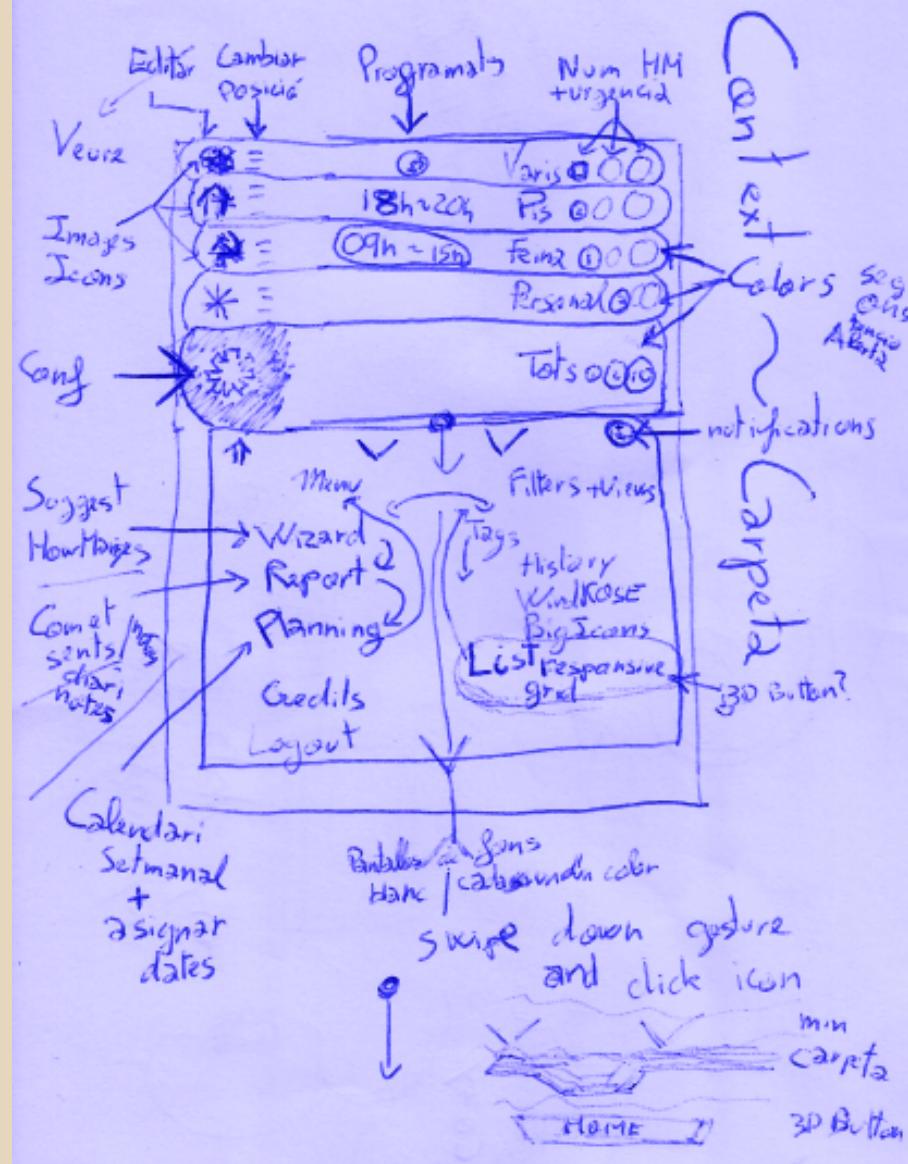
<http://jamaicaska.es/HowManyMaster>



6. Pages

*Expanding files looks
(archivador de fuelle)*

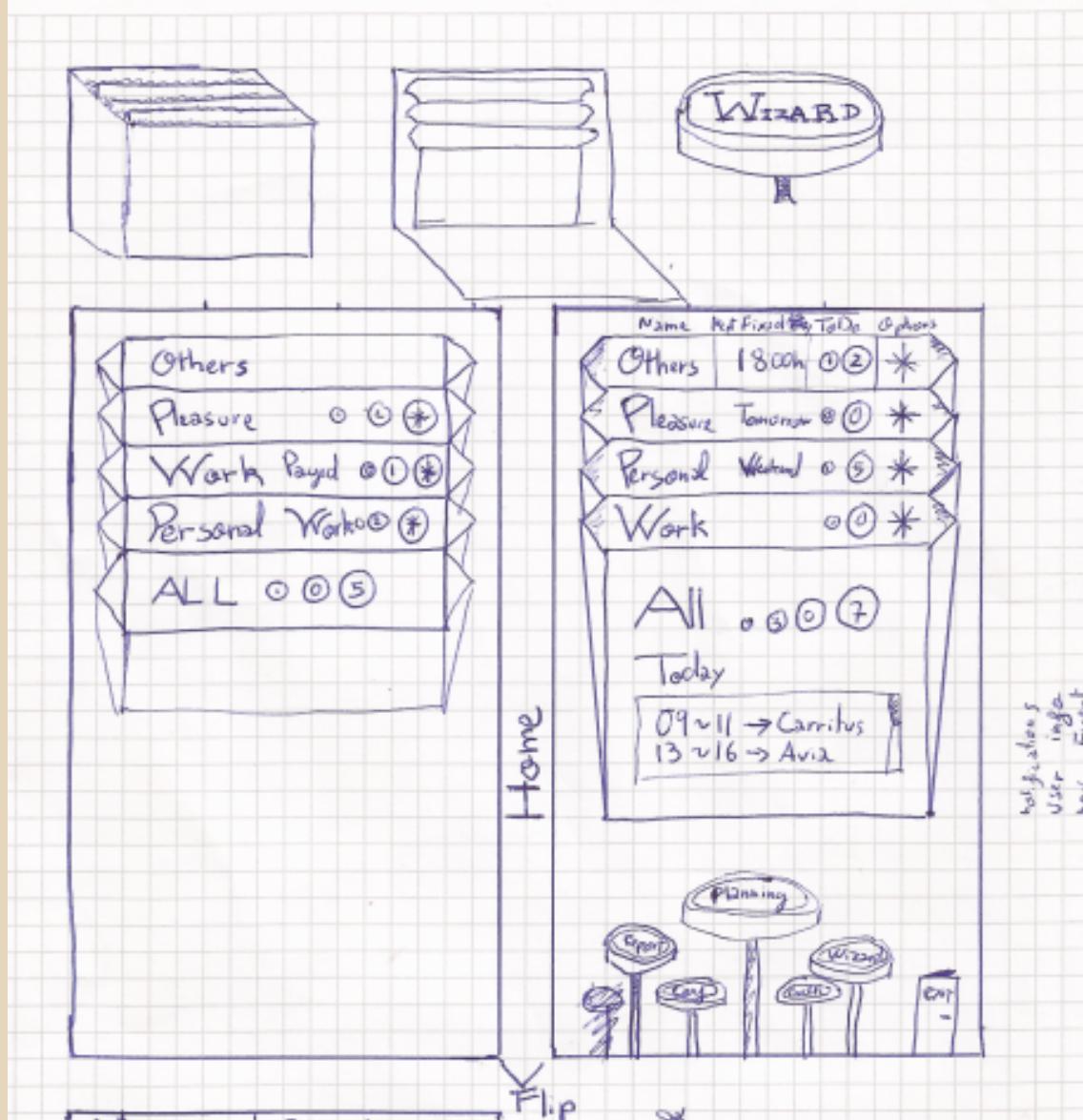
HowManyDays



6. Pages

*Expanding files looks
(archivador de fuelle)*

HowManyDays

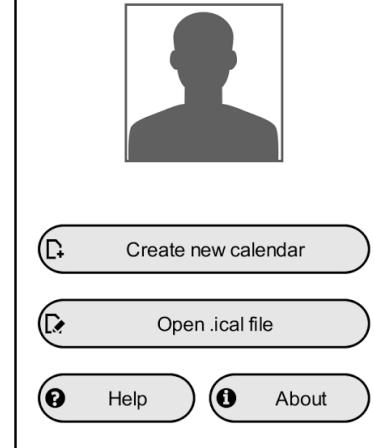


6. Pages

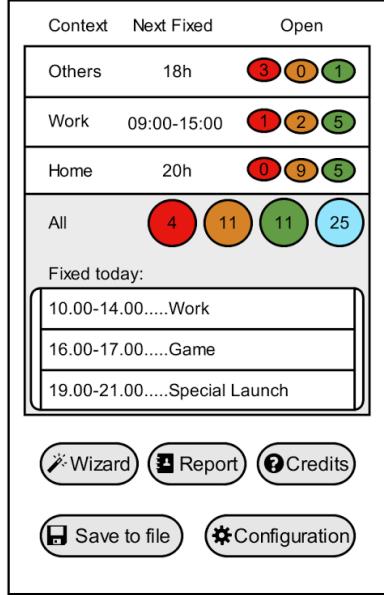
*Expanding files looks
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HowManyDays

HowManyDays

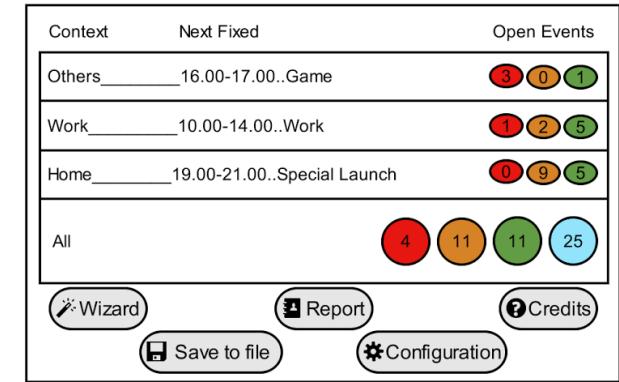
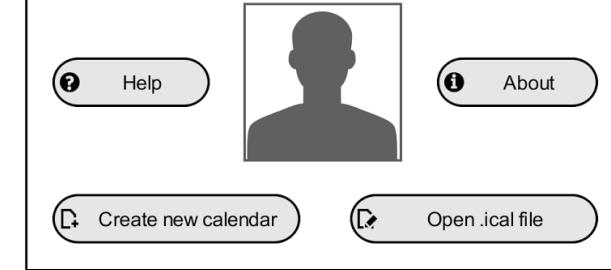


PREHOME



HOME

HowManyDays



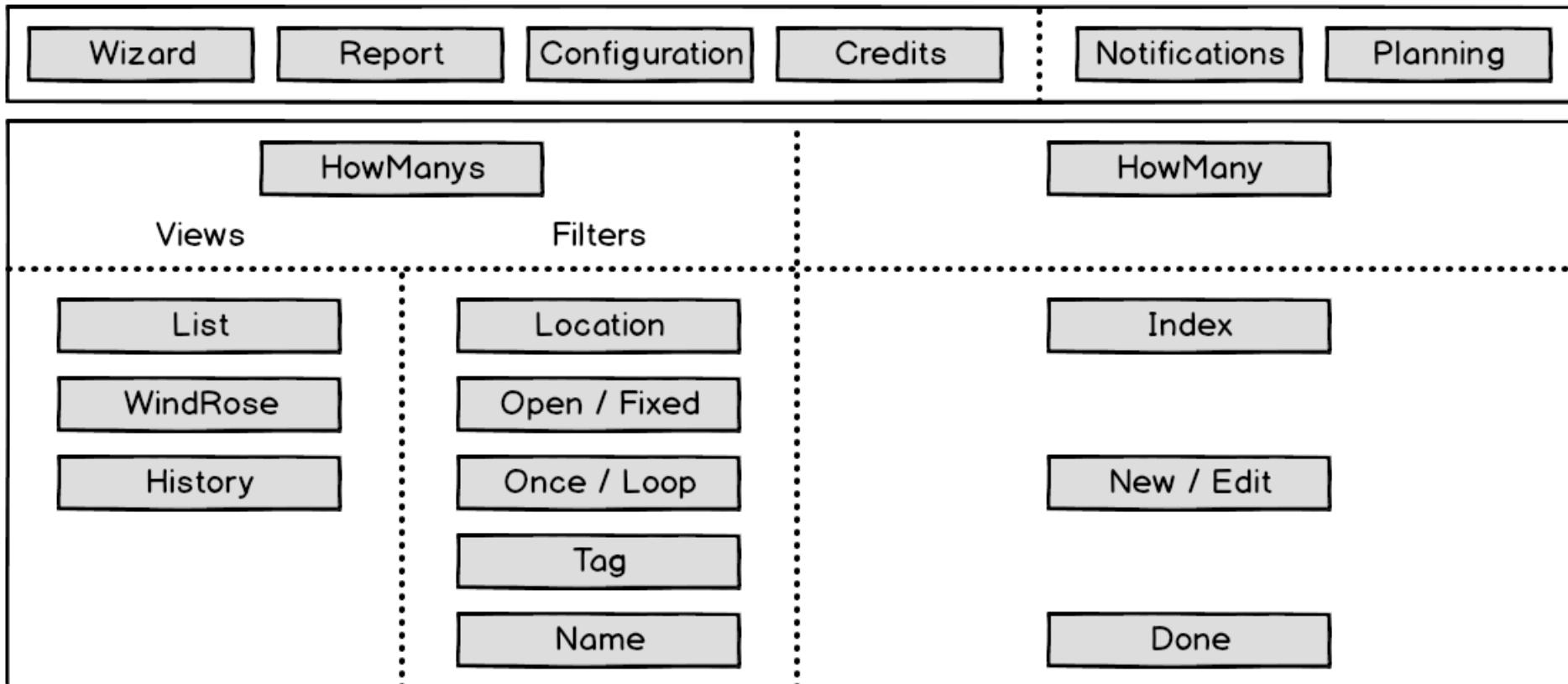
separation
of contexts

6. Pages

Prehome & home

HowManyDays

6. Pages: HowManys





Filters

 Search Pending Shared All

New How Many

Categories

 Big Icons Wind Rose Users History

Body



Healthcare



Sport



Nutrition



Rest, Hygiene & Aesthetic

Mind

Culture
Intelligence
LearnResearch
ExplorationAltruism
CommunityCenter
Moral
Philosophy
Spirituality

Maintenance-Support-Necessities

Work
Finances
MoneyHome
Unpaid workEntertainment
Hobbies
LeisureVice
Unhealthy habits
Weaknesses

Pleasure



Family



De tota la vida



Ramon Llull i escoltes



Feina i +



Thailandia



Game Of Thrones



Categories

Big Icons

Wind Rose

History

List

+

New How Many

+

New Event

Filters

Search x

Open Fixed

Loop Once

Loop ON Tags

Healthcare ON Sport ON

Healthcare Sport + New Event

ToDo Now!



Visitar l'Àvia

Aprendràs molt!

5 Days



Anar al gimnàs

Salut i llarga vida!

10 Days



ToDo



Quedar amb els col·legues

Yeah men!

1 Days

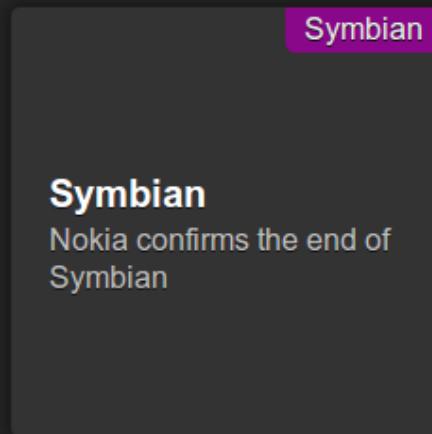
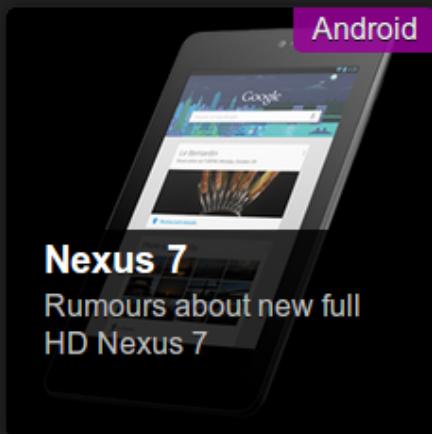
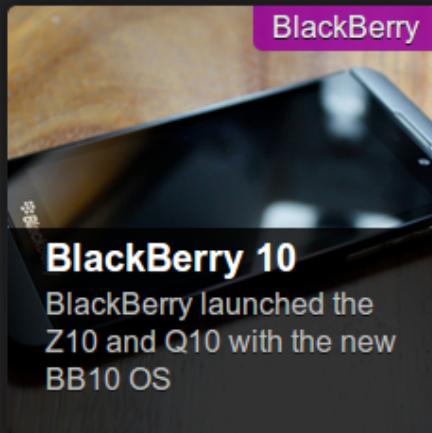


HowMany AllRight

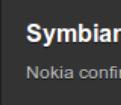
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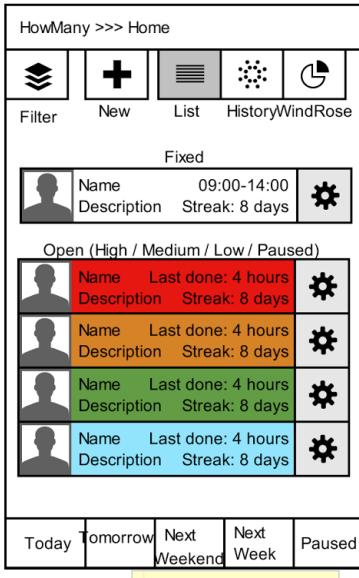


Listview Responsive Grid

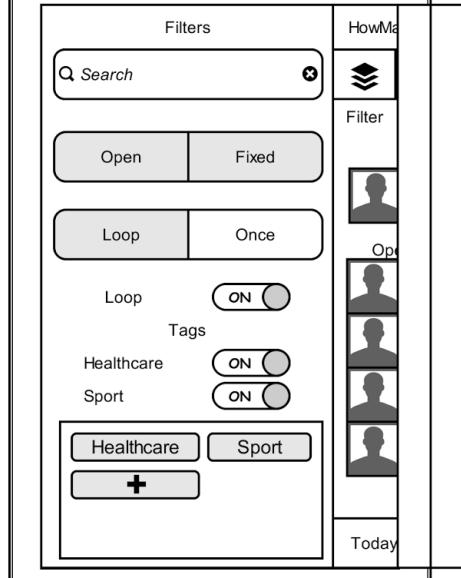


<http://demos.jquerymobile.com/1.4.0/listview-grid/listview-grid.html>

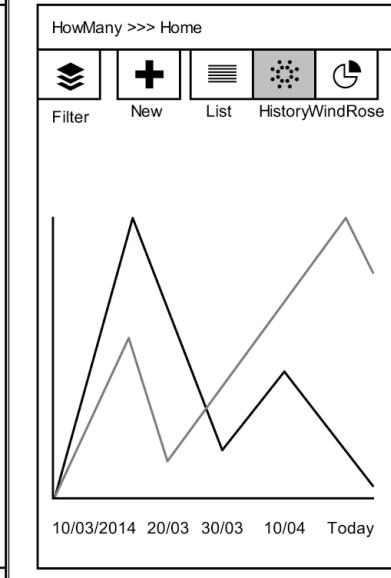
	iOS 6.1	Apple released iOS 6.1	iOS
	BlackBerry 10	BlackBerry launched the Z10 and Q10 with the new BB10 OS	BlackBerry
	WP 7.8	Nokia rolls out WP 7.8 to Lumia 800	Windows Phone
	Galaxy	New Samsung Galaxy Express	Samsung
	Nexus 7	Rumours about new full HD Nexus 7	Android
	Firefox OS	ZTE to launch Firefox OS smartphone at MWC	Firefox
	Tizen	First Samsung phones with Tizen can be expected in 2013	Tizen
	Symbian	Nokia confirms the end of Symbian	Symbian



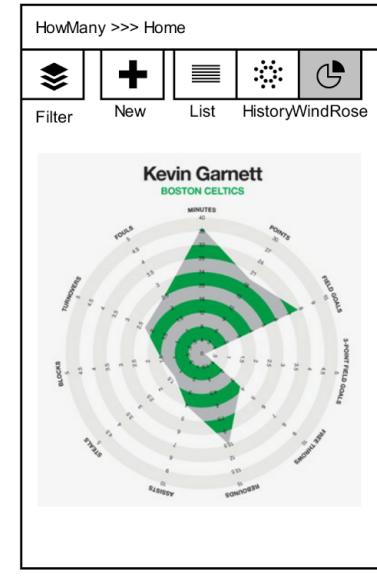
HowManys
List



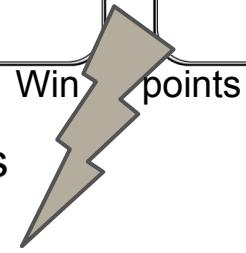
HowManys
List Filters



HowManys
History



HowManys
WindRose

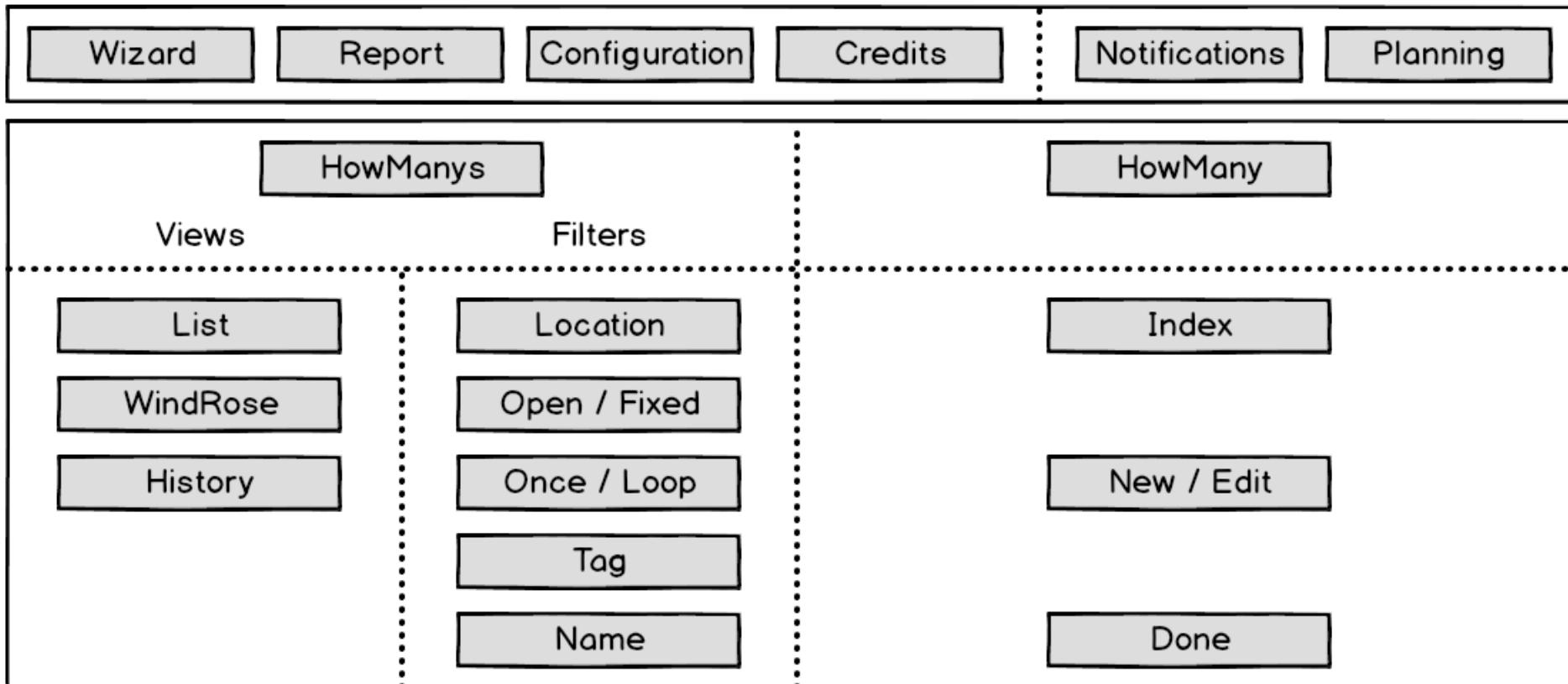


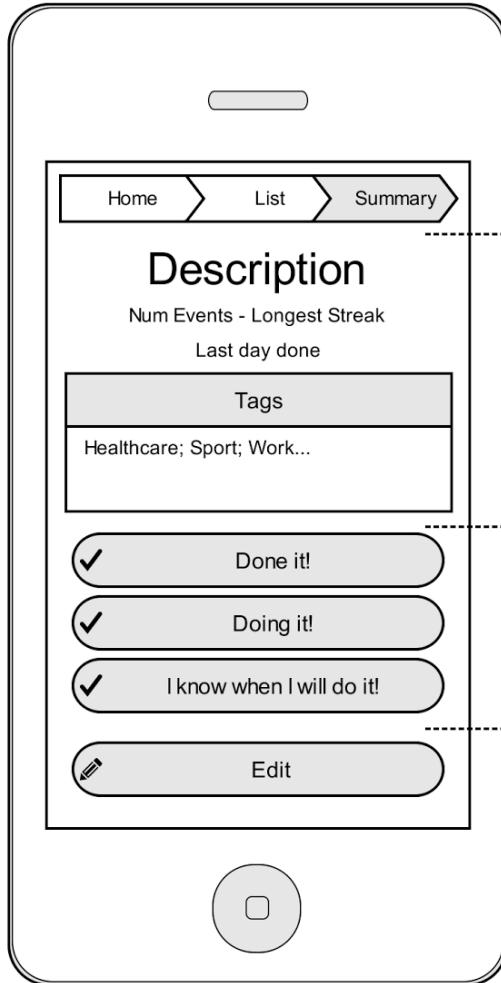
6. Pages

HowManys Mobile

HowManyDays

6. Pages: HowMany





6. Pages

HowMany ToDo View / Index

HowManyDays

Summary Description

- Alarms
- Tags

dtStart dtEnd

- Now Now All Day

-  Edit

-  Return



Unshowed properties:

- * Location
- * Image
- * Priority
- * Status
- * Date due
- * Created
- * Duration
- * Recurrence

Return btn or breadcrumb?

Home > List > Summary

Description

Alarms

Tags

Healthcare; Sport; Work...

dtStart dtEnd

- Now Now All Day

-  Edit

goTo HowManyList

Information

goTo Edit

Shared Configuration		Private Configuration		Actions	
Basic Info	Categories	Users	Periodicity + Alarms	Remove	Cancel
Choose your difficulty / satisfying:					
Very easy	Easy	Medium	Difficult	Very Difficult	
Choose how often you have to do it:					
Annual year 9 months 6 months 3 months 	Monthly month 3 weeks 2 weeks week	Weekly Dl Dm Dx Dj Dv Ds Dg	Daily Times a day	year 9 months 6 months 3 months	
Choose how often you have to do it:					
It's	Blabla	Once every	Alarms		
Annual	year 9 months 6 months 3 months				
Monthly	month 3 weeks 2 weeks week				
Weekly	Dl Dm Dx Dj Dv Ds Dg				
Daily	Times a day				
Yearly	year 9 months 6 months 3 months				

	Shared	vEvent	vToDo
Basic Info	Summary Description Location Tags Priority Time Duration Url Attach	DateTime Start DateTime End	DateTime Due
Periodicity & Alarms	<p>Recurrence: vEvent just once, vToDo 5: VEasy, Easy, Medium, Difficult, VDifficult</p> <p>vAlarms: action (display audio email) & trigger (dateTime)</p>		
Hide (Computed)	Status (tentative confirmed cancelled) Organizer Date Created TimeZone		DateTime Completed
UnUsed	Resources Attendee / Contacts		

Easy:

- Add note
- Add duration
- Mark as completed (never suggest again)

More complicated:

- Funny character (Polina Idea)
- Chinese Motivational Phrase
- Share it
 - Send mail
 - Social networks: Facebook, Twitter...
- Random entry in a RSS feed
 - Humor: FinoFilipino...
 - Internet "thing" (Read the mail, Pocket...)
 - Specific: TheCodingLove, Genbeta...
- Listen a song / Watch a video
- Take a photo

6. Pages: More pages

Wizard

Report

Configuration

Credits

Notifications

Planning

HowMany's

Views

List

WindRose

History

Filters

Location

Open / Fixed

Once / Loop

Tag

Name

HowMany

Index

New / Edit

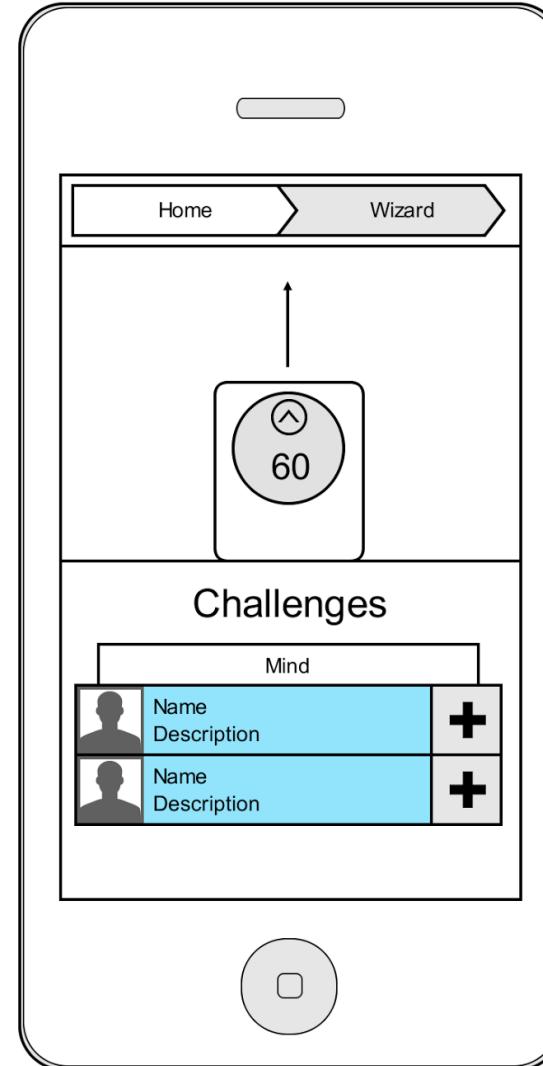
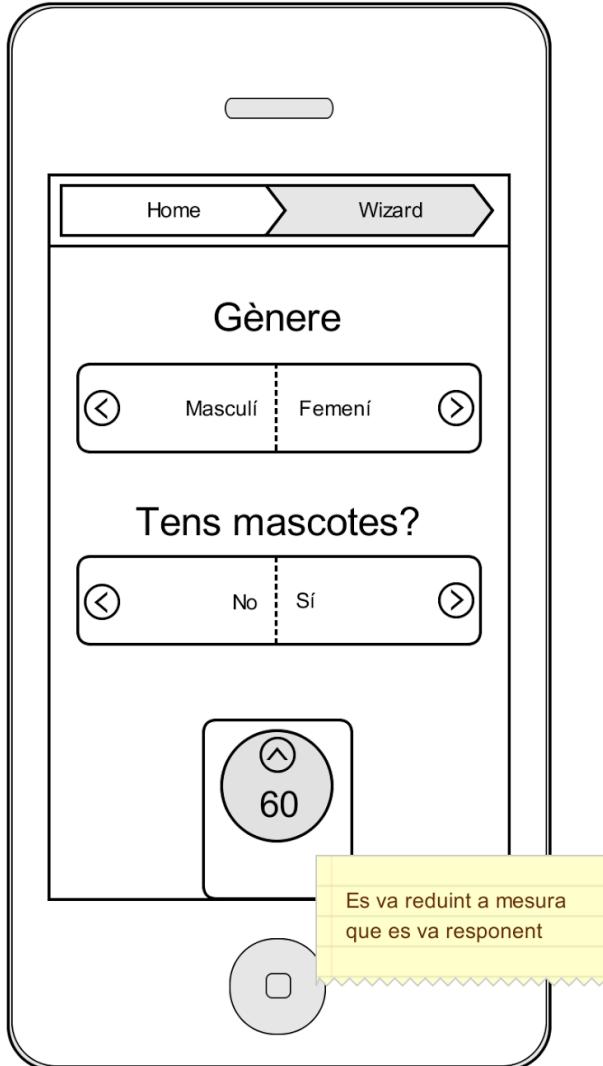
Done

More pages:

- Wizard → Suggest HowManys
- Report → Track yourself
- Configuration → Language, location...
- Credits

In more advanced phase:

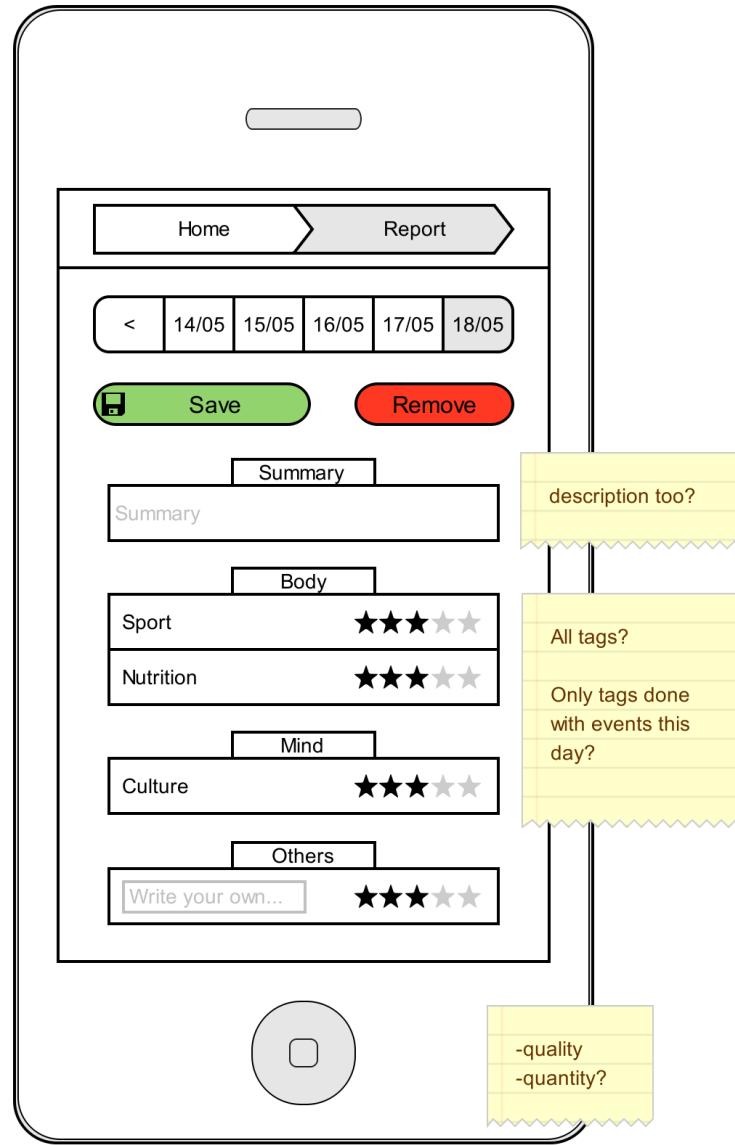
- Notifications
- Planning



6. Pages

Wizard

HowManyDays



6. Pages

Report

HowManyDays

	<p>Username (cn)</p> <p>Language & Location</p>
Must	<p>TimeZone (tzid)</p> <p>First day of the week</p>
Optional	<p>Add new contexts/calendar</p> <p>Modify tags by other synonyms</p> <p>Name & family name</p>
Future	<p>User Type: (individual, group, resource...) (cutype)</p> <p>MultiUser Props: member, role, Participation Status</p> <p>Calendar Scale: Gregorian, Hebrew, Japanese...(calscale, impossible implementation?)</p>

Configuration

Thank you