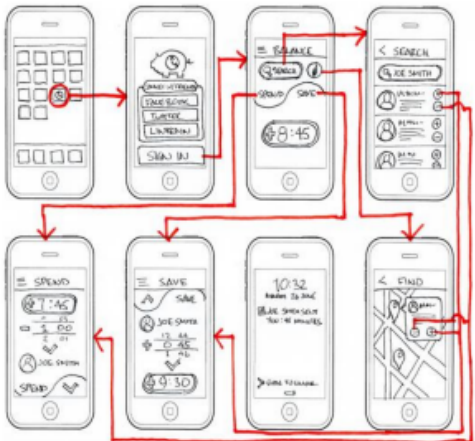


USER EXPERIENCE



Workshop
8-11-'18

i&i





Gerrit Jan
de
Wilde



Dirk-Jan
van de
Poppe

Ontwikkelgroep UX



Kernprogramma

Het kernprogramma bevat de volgende domeinen:

- Domein A Vaardigheden
- Domein B Grondslagen
- Domein C Informatie
- Domein D Programmeren
- Domein E Architectuur
- Domein F Interactie

Keuzethema's

In het examenprogramma zijn de volgende domeinen gewijd aan keuzethema's:

- Domein G Keuzethema Algoritmie, berekenbaarheid en logica
- Domein H Keuzethema Databases
- Domein I Keuzethema Cognitive computing
- Domein J Keuzethema Programmeerparadigma's
- Domein K Keuzethema Computerarchitectuur
- Domein L Keuzethema Netwerken
- Domein M Keuzethema Physical computing
- Domein N Keuzethema Security
- Domein O Keuzethema Usability
- Domein P Keuzethema User experience
- Domein Q Keuzethema Maatschappelijke en individuele invloed van informatica
- Domein R Keuzethema Computational science





Tijdpad:

- ontwikkelmanieren
definitie UX
- Regels van Nielsen
- In tweetallen bedenken APP
 - Storyboard maken
 - Bespreken
- Inkloppen in Balsemiq online

functionele specificatie



STUDENT Module

1. Student Home Page (s-001-SK-Student-Index: 01)

- 1.1. Notification list
 - 1.1.1. Student clicks notification name
 - 1.1.2. System opens a modal dialog with full text of notification [See 2]
- 1.2. Student Calendar
 - 1.2.1. Clicking "<" / ">" buttons, student can review current academic year, year in his program before this current year, and calculated dates for the rest of his program
- 1.3. Profile link (left menu) leads to Profile page [see 3]
- 1.4. Summary link in Advisors section (left menu) leads to Advisors page [see 9]
- 1.5. Declare Thesis Mentor(s) and Advisory Committee link in Advisors section (left menu) leads to Declare Thesis Mentor(s) and Advisory Committee [see 7]
- 1.6. "Summary" link in Lab Rotation section (left menu) leads to Lab Rotation page [see 9]
- 1.7. "Register for Lab rotation" link in Lab Rotation section (left menu) leads to Register For Lab Rotation page for the current academic year (0 or 1). If there is no rotation to come, this link will be disabled. Full functionality for dealing with lab rotation registration is available from 9.
- 1.8. "Upload Rotation Report" link in Lab Rotation section (left menu) opens a modal dialog [see 12]. This functionality being invoked from the left menu works for current lab rotation only. Full functionality is available from Lab Summary page [see 9]
- 1.9. "Download Rotation Evaluation Form" link in Lab Rotation section (left menu) opens a pop-up with PDF form [see 9.6.1]. This functionality being invoked from the left menu works for current lab rotation only. Full functionality is available from Lab Summary page [see 9]
- 1.10. "Summary" link in Courses section (left menu) leads to Course Summary page [see 13]
- 1.11. "Register for courses of next semester" link in Courses section (left menu) leads to Register for Courses page [see 15]. Link is available after "Register for Courses (1)" notification until the beginning of the next semester.
- 1.12. "Overview" link in Research section (left menu) leads to Research Overview page [see 15]
- 1.13. "Pre-register for Thesis Proposal" link in Research section (left menu) leads to Pre-register for Thesis Proposal form [see 17]. Link gets available December 1st of 2nd year, after a reminder "Declare your intent to have TP exam in time"
- 1.14. "Register for Thesis Proposal" link in Research section (left menu) leads to

notification goes to Thesis Committee members

7. Declare Thesis Mentor(s) and Advisory Committee (s-004-SK-Student-Advisors-Declare-Mentor.vsd); opened from 6.1 or 1.5

See also Alternative Flow [see 8]

- 7.1. Student fills in the form and clicks "Submit and Print" button
 - 7.1.1. Form validation - Failed - "I am ready to declare a Mentor": answer is "No"
 - 7.1.1.1. Admin gets a notification "Student couldn't declare a Mentor"
 - 7.1.1.2. Student gets a notification "Student must contact an Admin (Student couldn't declare a Mentor)"
 - 7.1.1.3. Student comes back to [6]; button "Declare" still available
 - 7.1.2. Form validation - Failed - student's chosen 2 mentors
 - 7.1.2.1. Alert "You can choose only one Mentor. To add another Mentor, please contact Associate Dean". Button "OK"
 - 7.1.2.2. Student gets back to the form page [see 7]
 - 7.1.3. Form validation - Failed - Other
 - 7.1.3.1. On-page error message is displayed
 - 7.1.4. Form validation - OK
 - 7.1.4.1. Data are submitted to the temporary table of DB
 - 7.1.4.2. Student gets back to [6.2]. Confirmation message form is generated and shown in a pop-up
 - 7.1.4.3. Student gets to [6.2]
 - 7.1.4.4. Admin gets a notification "Mentor is declared"
 - 7.1.4.5. Student gets "Submit Signed Declaration Form to the Administration Office" notification. Student must sign printed form and bring it to Admin [see 82.1.2]
 - 7.1.4.5.1. Once signed form is scanned by Admin, all data are submitted to the Student record, temporary data is purged.
- 7.2. Student clicks "Cancel" button
 - 7.2.1. Alert "If you have done changes on this page, they will be lost. Do you want to proceed with saving?" is displayed
 - 7.2.1.1. "Yes"
 - 7.2.1.1.1. See 7.1
 - 7.2.1.2. "No"
 - 7.2.1.2.1. Any change done to the information in the form is discarded
 - 7.2.1.2.2. Student gets back to 6

8. Alternative Flow: Declare Thesis Mentor(s) and Advisory Committee (s-004-SK-Student-Advisors-Declare-Mentor.vsd); opened from 6.1 or 1.5

Functional Spec example

Agile user story



Story name

Value statement

Attach details and documents when necessary

What is required for the business and product owner to accept the story

What is required by the team (quality standards) before sending out for review. Does not change from one story to another. Mature teams may post this on the wall of the team working area instead of within each story.

Size (effort) estimate, in relative points

Agile User Story example

Edit User Story » US9: Credit card payments

General

ID: US9

Name: Credit card payments

Tags: Choose Tags

Description:

As a purchaser on the website,
I want the ability to pay with a credit card,
So that I may immediately confirm my purchase.

Acceptance Criteria:

- Accept Discover, Visa, MC
- Validate CC# when entered
- Validate expiration date and CVV
- Validate billing address

Definition of Done:

- Passes all regression tests
- Passes testing per acceptance criteria items
- Approved by UI Team
- Able to show feature in company demo

Attachments: Browse...

@mockup.png
Description: Mockup of entry form

Owner: Greg

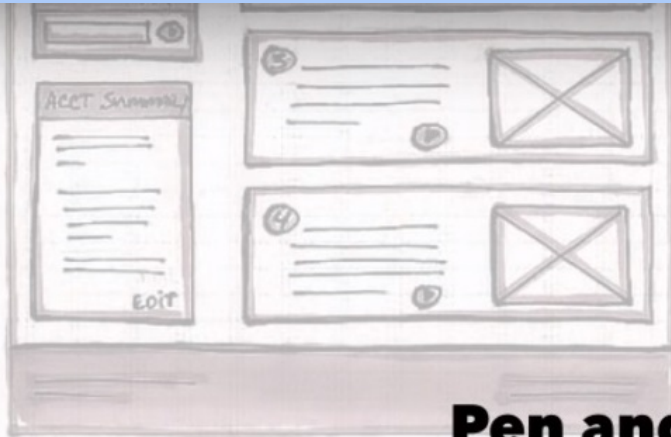
Schedule

State: Defined

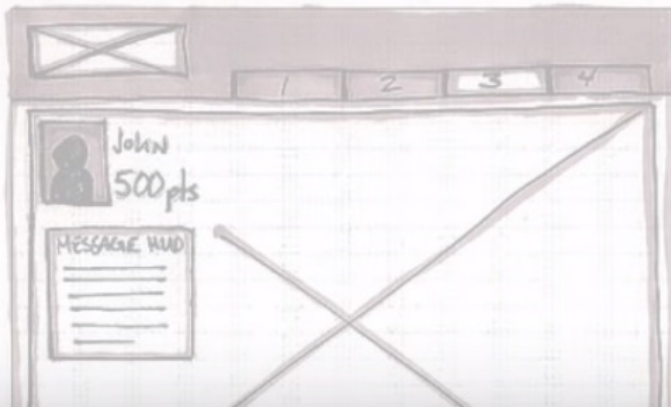
Wireframe



Pen en papier



Pen and Paper Sketch example



- Graphic/TEXT Links to other Sections of the site.
- ② - Point Redemption
 - Links to Featured Contest and Rewards.
 - Gallery of Rewards and Contests. Searchable by categories
- ③ Garage Environment
 - Interactive (Flash) garage
- ④ Earn points/Survey Pg.

Comp voorbeeld



GDMX

CLIENT LOG IN

login

ABOUT

DVD

BROADCAST

VOD

B2B DISTRIBUTION

BLOG

CONTACT

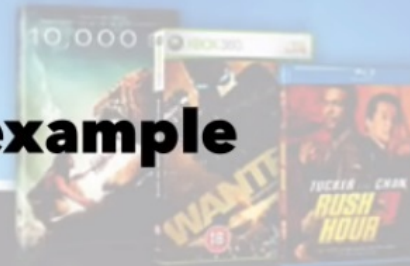


DELIVERING
ENTERTAINMENT

"Comp" example

A Warner Bros. Entertainment Company

english



AFFILIATE NETWORK

B2B DISTRIBUTION

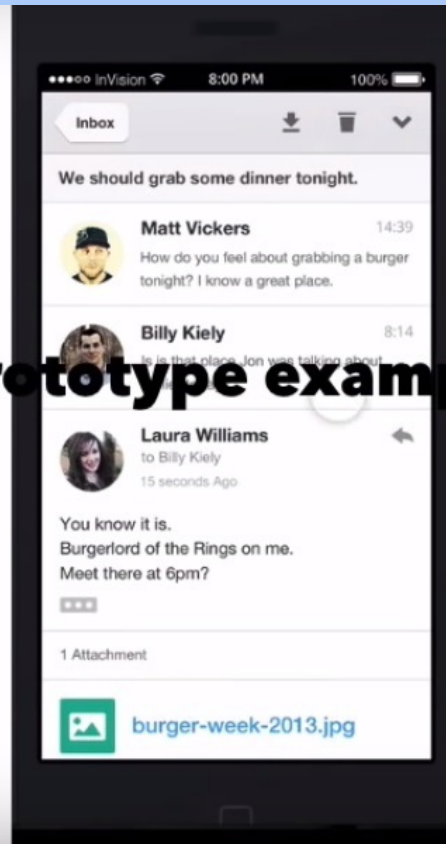
Our facilities can transfer DVD files to any of our worldwide affiliates within hours.

AWARD-WINNING INNOVATION

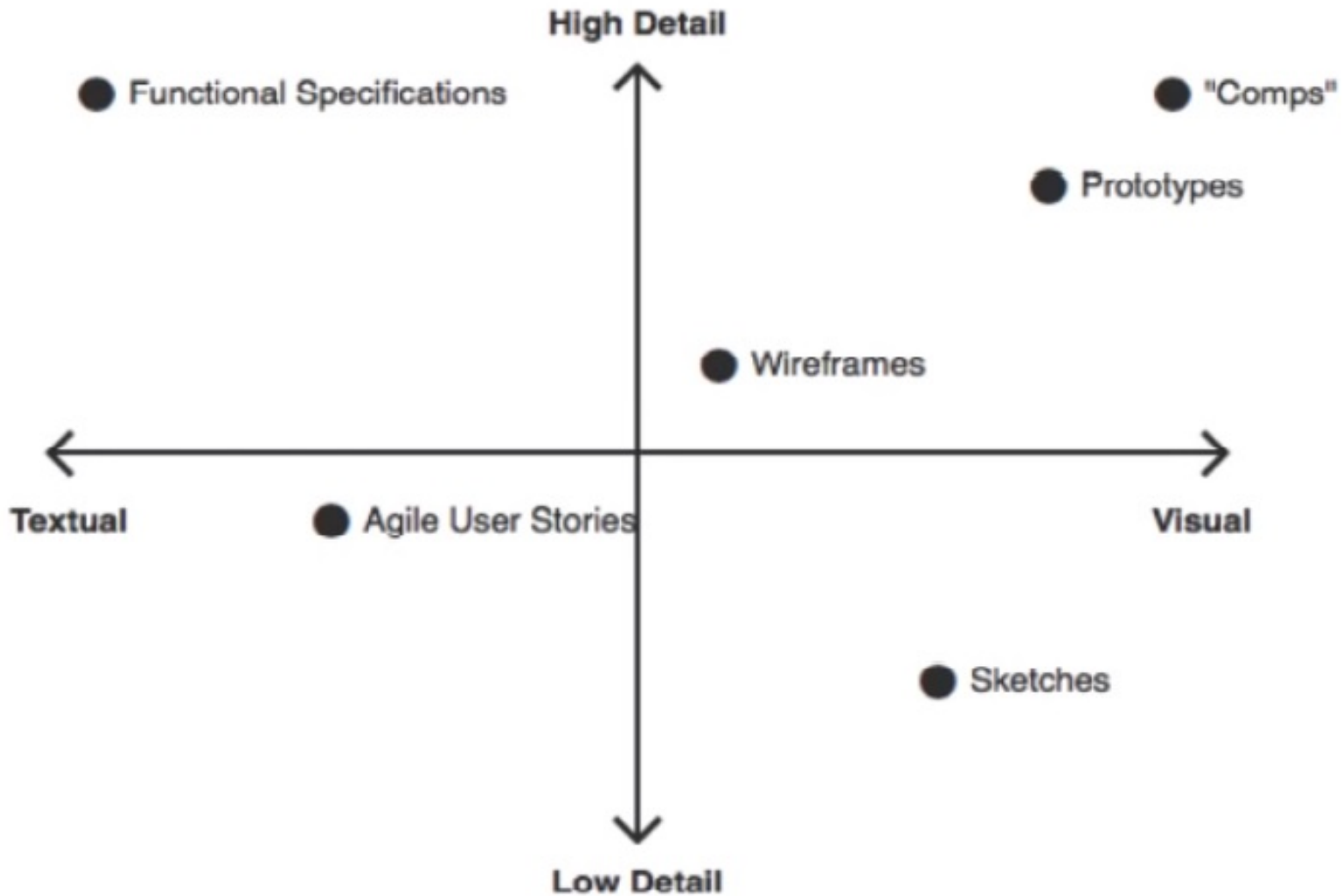
Prototype



Prototype example



Overzicht:





Definitie:

“De verwachting en reacties van een persoon als resultaat van het gebruik en/of verwachte gebruik van een product, service of dienst.”



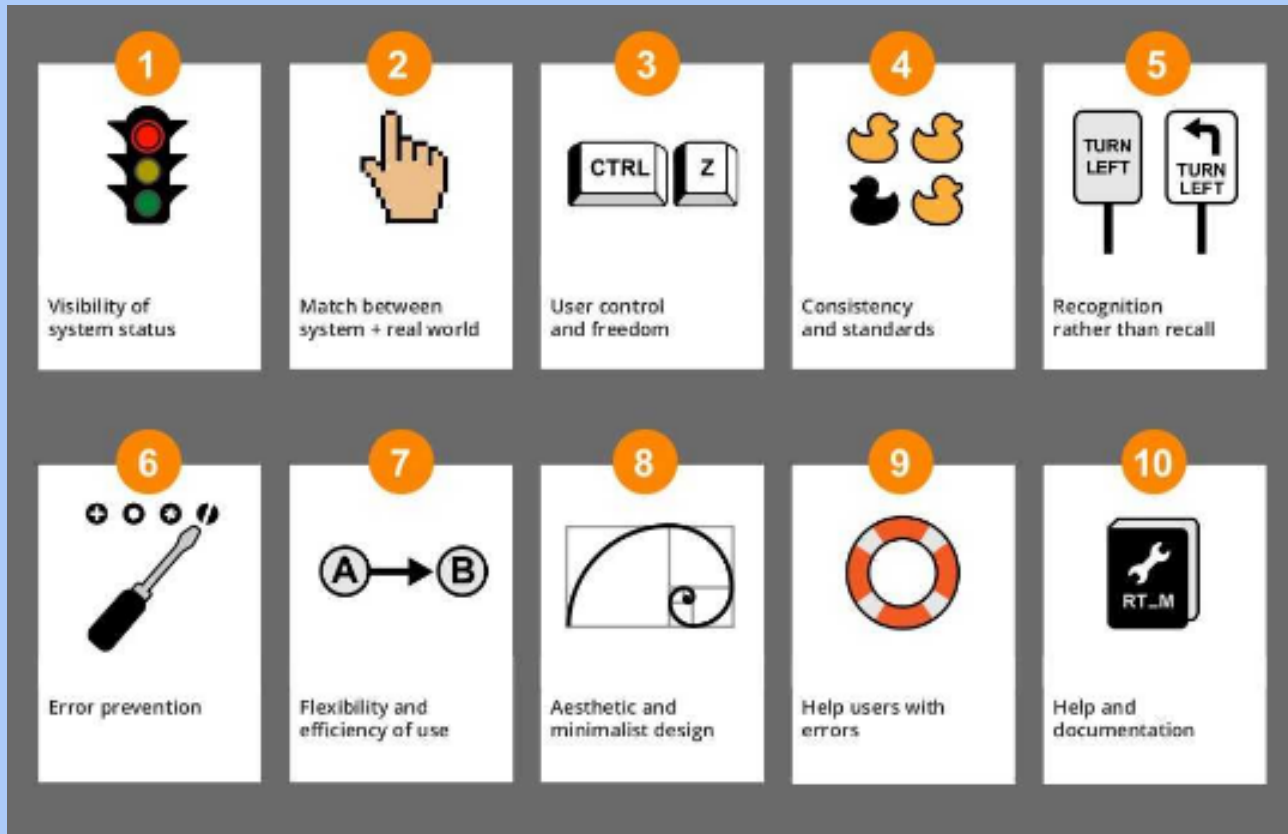
Vershil UX en UI:

UI staat voor User Interface, Niet alleen het ontwerp, maar vooral ook het functioneren van alle elementen in de interface zijn voor een UI designer van groot belang.



Verschil UX en UI:

Het uiteindelijke doel van User Interface Design is om tot een betere gebruikerservaring te komen. In dit opzicht is het nauw verwant met UX design. Maar daar waar UX zich richt op de totale gebruikerservaring, ligt bij UI de focus specifiek op de interface



Regels (Heuristieken) van Nielsen

REGEL 1: LAAT ZIEN WAT ER GEBEURT

- . Het is belangrijk om de status van de app weer te geven.



REGEL 2: OVEREENKOMST SYSTEEM EN ECHE WERELD

Spreek dezelfde taal als de gebruiker,
gebruik de termen die hij ook gebruikt en
de icoontjes waaraan hij gewend is.



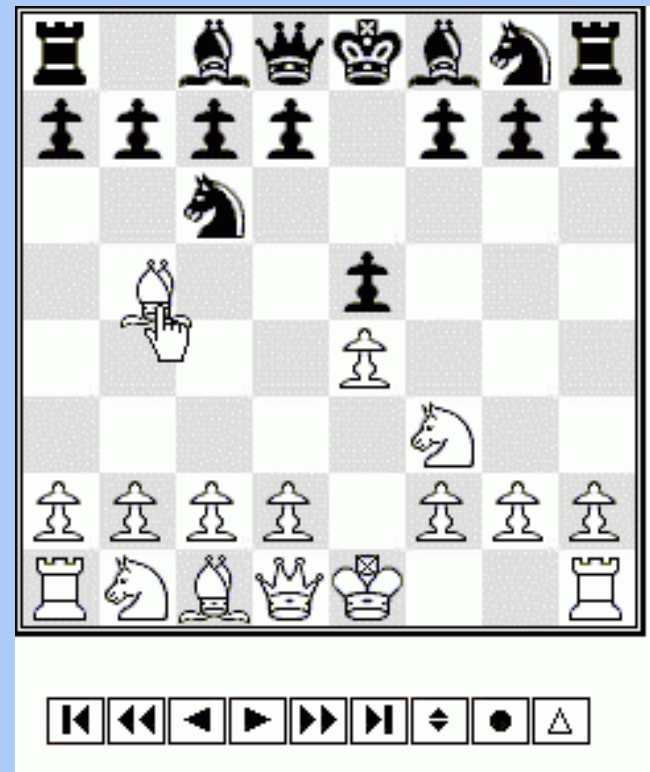
Betalen



Ik kan niet betalen

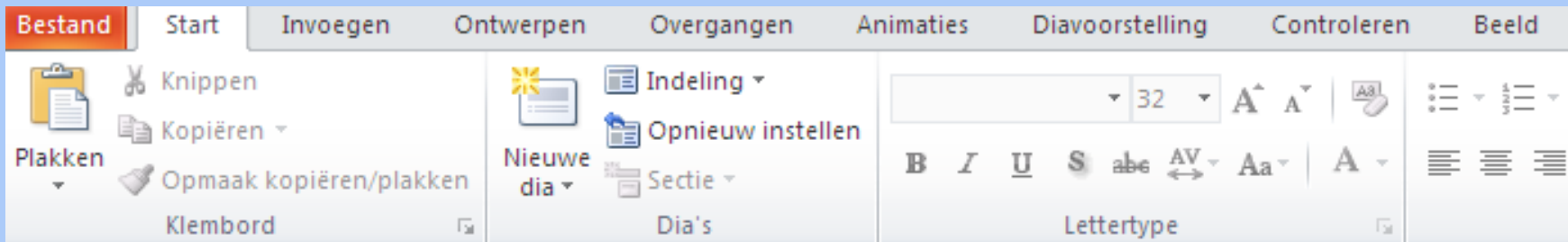
REGEL 3: GEBRUIKER HEEFT CONTROLE EN VRIJHEID

Zorg ervoor dat de bezoeker belangrijke beslissingen ongedaan kan maken.



REGEL 4: WEES CONSISTENT.

In elementen, symbolen en acties waar de gebruiker aan gewend is, in woorden, functies en layout.

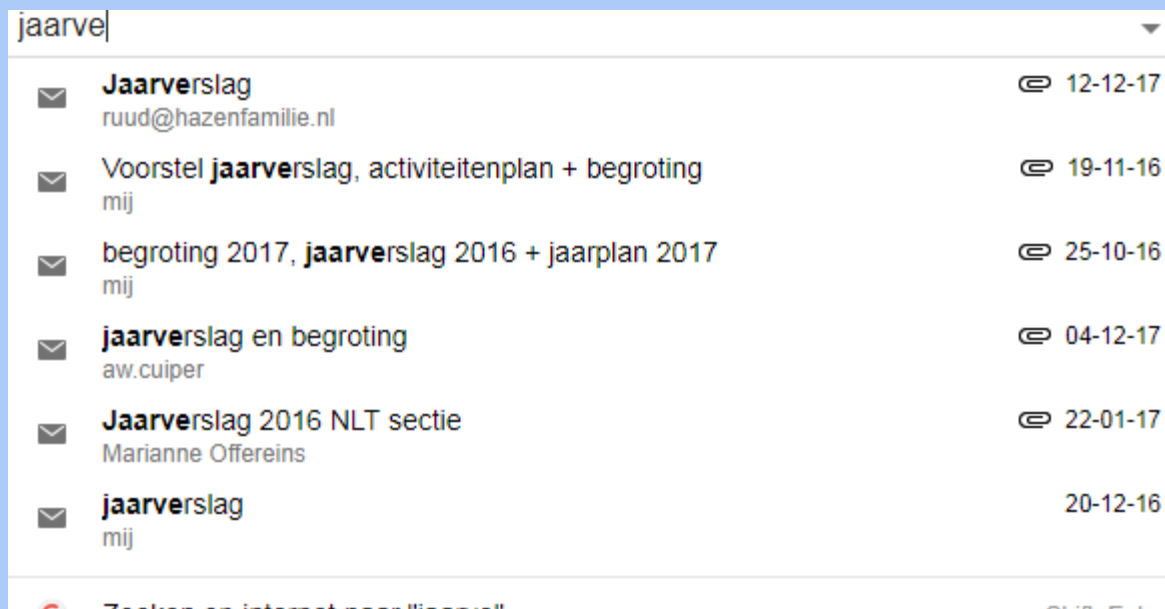


REGEL 5: HULP BIJ FOUTEN.
Geef direct aan wat fout is, en
manier om te corrigeren



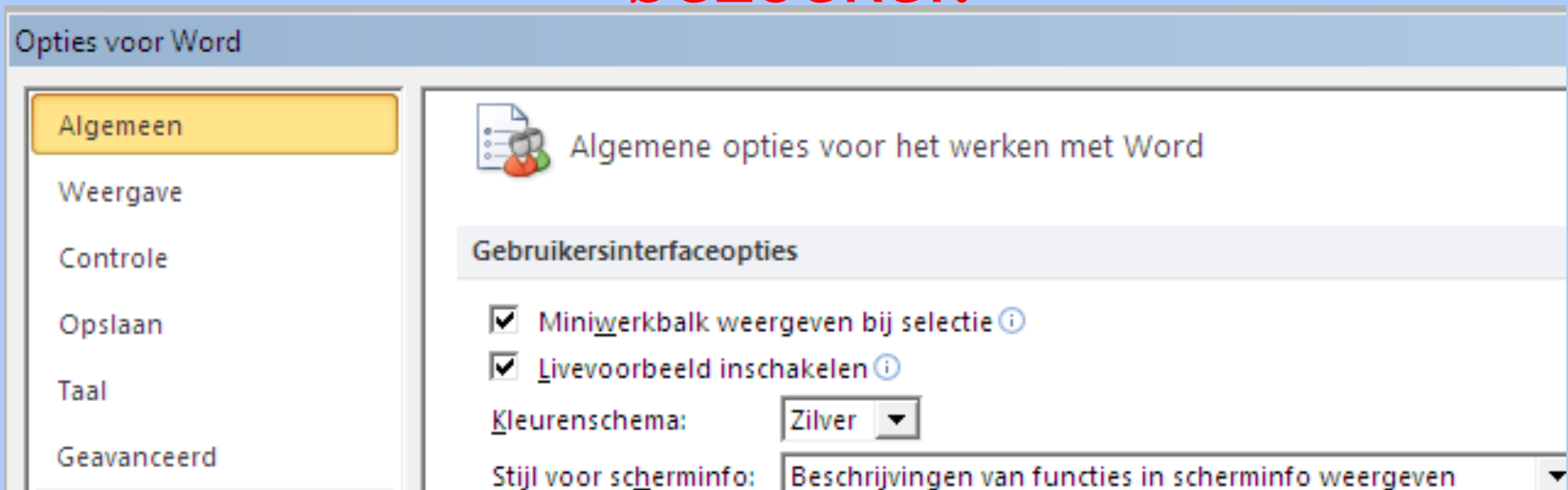
REGEL 6: ZORG DAT DE GEBRUIKER NIKS HOEFT TE ONTHOUDEN.

Zorg dat de app de dingen onthoudt die belangrijk zijn, of geef die informatie gewoon nog een keer daar waar nodig is.



REGEL 7: FLEXIBILITEIT EN EFFICIENCY.

De app dient afgestemd te zijn op de bezoeker.



REGEL 8: HOU HET MINIMAAL EN VERFIJND.

Zorg ervoor dat de gebruiker zijn taak op de app kan uitvoeren en schrap overbodige content.

The screenshot shows the homepage of telefoonboek.nl. At the top right, a status message reads: "De afgelopen 24 uur heeft telefoonboek.nl 111.342 zoekopdrachten verwerkt!". The main navigation bar includes a logo on the left and four buttons: "Zoeken", "Rubrieken", "Plaatsen", and "Over ons". Below this is a secondary navigation bar with four buttons: "Bedrijf zoeken", "Persoon zoeken", "Postcode zoeken", and "Omgekeerd zoeken", along with a Google logo. The main content area features two search input fields: "Wat zoekt u? (bijv: 'Juwelier')" and "Waar? (bijv: 'Amsterdam')", followed by a "Zoeken" button. A "Powered by places.nl" logo is also present. Below the search fields are three boxes: "Populaire zoekopdrachten:" listing "Belastingdienst, Huisarts, Kapper, Politie, Postkantoor, Rabobank, Restaurant, Tandarts, Uww, Ziekenhuis"; "Populaire plaatsen:" listing "Amsterdam, Arnhem, Breda, Den Haag, Eindhoven, Groningen, Utrecht, Rotterdam, Tilburg, Zwolle"; and "Of bel nu 0906 - 100 1822" with the text "Hulp nodig bij het zoeken? Bel dan het 0906 - 100 1822 informatienummer (€ 0.90 o/m)".

REGEL 9: MAAK FOUTMELDINGEN NIET ENG.

Maak van foutmeldingen een beleefde melding. Leg uit wat er aan de hand is, leg de schuld niet bij de gebruiker en zorg voor een makkelijke vluchtroute.

facebook

Sorry, something went wrong.

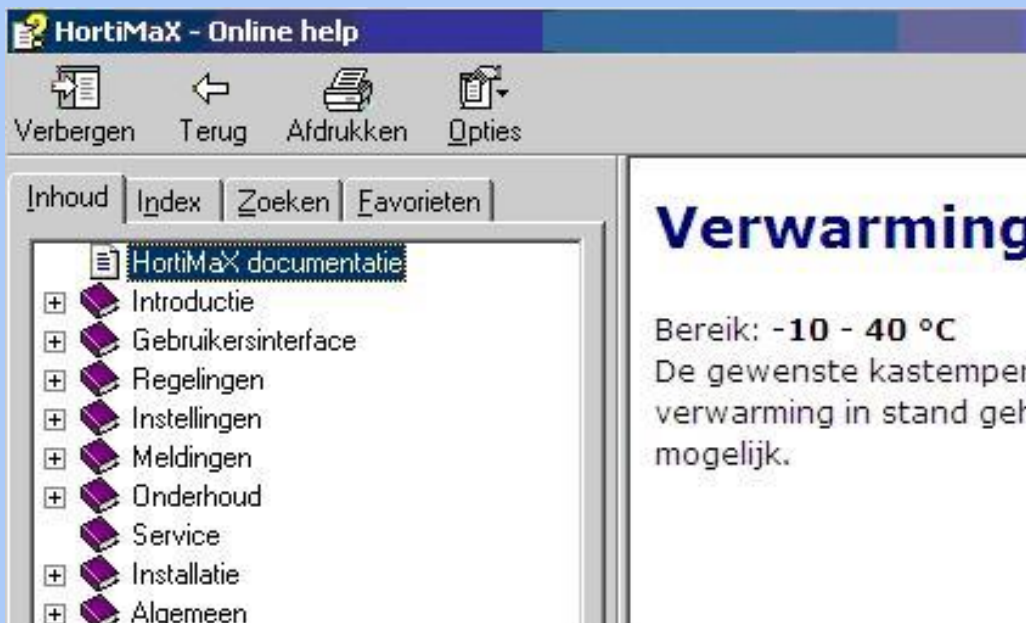
We're working on getting this fixed as soon as we can.

[Go Back](#)

Facebook © 2013 · [Help](#)

REGEL 10: BIED EEN HELPENDE HAND (HELP EN DOCUMENTATIE).

Bied een helpende hand in de vorm van een 'help' of documentatie. Maar alleen als het nodig is.



Samenvatting:

| <i>aspect</i> | <i>aanwezig</i> |
|---|-----------------|
| Regel 1: Laat zien wat er gebeurt. | |
| Regel 2: Overeenkomst systeem en echte wereld | |
| Regel 3: Gebruiker heeft controle en vrijheid. | |
| Regel 4: Wees consistent. | |
| Regel 5: Hulp bij fouten. | |
| Regel 6: Zorg dat de gebruiker niks hoeft te onthouden. | |
| Regel 7: Flexibiliteit en efficiency. | |
| Regel 8: Hou het minimaal en verfijnd. | |
| Regel 9: Maak foutmeldingen minder eng. | |
| Regel 10: Bied een helpende hand (help en documentatie). | |

Opdracht:

1. Bedenk per tweetal APP over bij voorbeeld
“geheimtaal”, winkels in de buurt”
“studieplanner” , EHBO of “Scheidsrechter hulp”
2. Wat moet er allemaal in?
3. Welke overgangen zijn nodig?

Opdracht: Mock up / wireframe maken



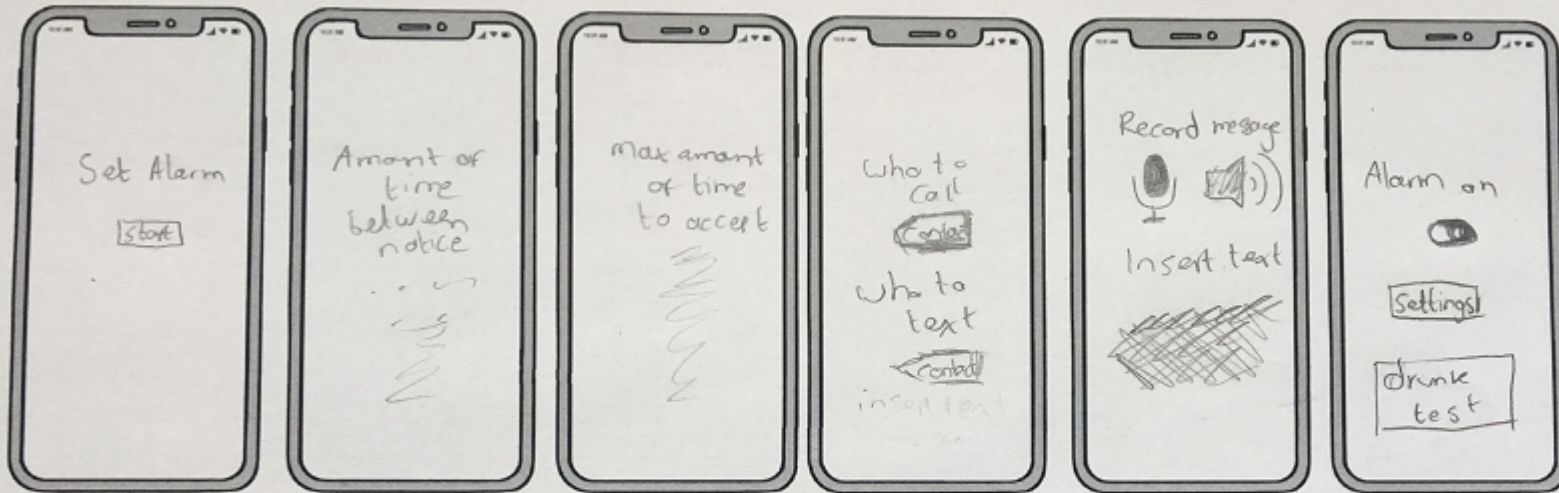
Namen: APP onderwerp



Opdracht: Verbeteringen aanbrengen volgens regels van Nielsen

Nu eerst ga je alle stappen langs

en dit wordt dan de app



← later kun je altijd dingen nog opnieuw instellen

Namen : Holger en Mart APP onderwerp



Opdracht: Openen <https://balsamiq.com/>

The screenshot shows a web browser window displaying the Balsamiq website. The browser's address bar shows the URL <https://balsamiq.com/>. The website has a red and white checkered background. The main content area features a white box with the text "Life's too short for bad software!" and "With Balsamiq, anyone can design great interfaces." Below this text is a play button icon. At the bottom of the white box are two buttons: "Start Cloud Trial" and "Download Desktop App". In the bottom right corner of the website, there is a photo of a group of people with the caption "We're good people & we care! 😊". The browser's taskbar at the bottom shows various application icons and the system clock indicating 19:43 on 5-11-2018.



🔍 Berichten doorzoeken



☆ 📧 Victor Schmidt Woensdag begint de Beverwedstrijd - Aan de coördinatoren van de Beverwedstrijd

☆ 📧 Ronald Bannink S.E.1 surveillantenrooster - Klaar. - Dag collega's, Ik heb het surveillantenrooster af

SE 1 rooster.xlsx

☆ 📧 Het Stedelijk Lyceu. Kottenpark nr. 8 - Kottenbel Nummer 8, jaargang 12 2 november 2018 Vanuit het M

☆ 📧 Marc Stronks Gastleerling Mattia - Beste collega's, Mattia Cominotti is een gastleerling uit Noord

image.png

☆ 📧 Het Stedelijk Lyceum Stedelijk Nieuws - 1 november 2018 Laatste kans.... Minder belasting betalen in 20

☆ 📧 Ronald Bannink S.E.1 surveillantenrooster t/m woensdag 7 november - Dag collega's, Nu met bijlag

SE 1 rooster.xlsx

☆ 📧 ik, Ronald 3 5H SE graag in 130 - Bedankt Op 1 nov. 2018 08:47 schreef "Ronald Bannink" <rban

☆ 📧 Paul, ik 2 se1 - Bedankt, Dirk-ian Op do 1 nov. 2018 om 08:00 schreef Paul van der Vegt <pvd

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A Big Title

Sign up for a free 30 day trial. [Plans](#) start at \$9/mo.

Start Trial

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available for Desktop  

Made with  by



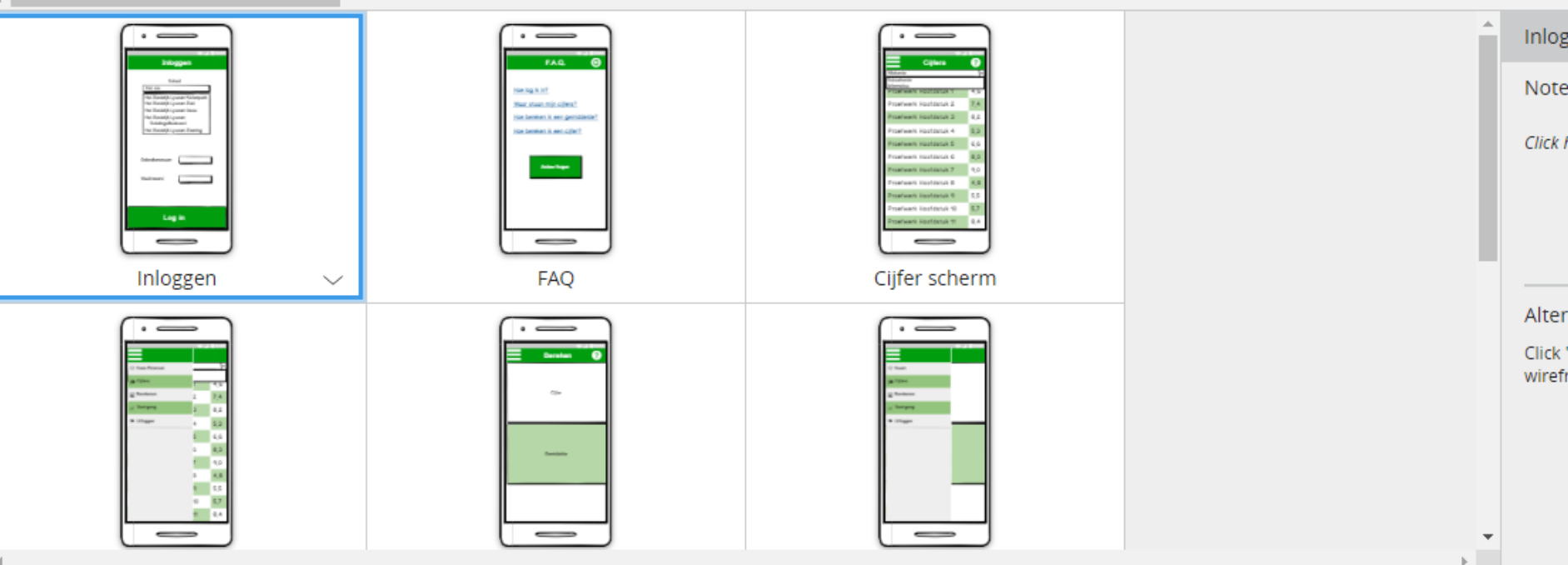
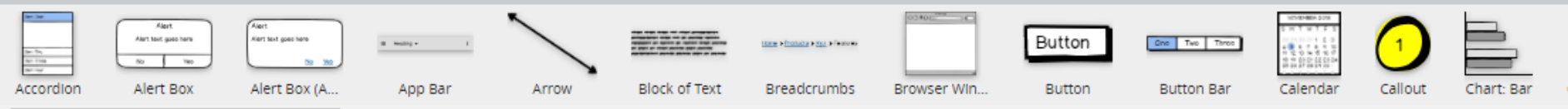
I love Balsamiq. It's a **great example of a low fidelity user prototyping tool**. I don't even ever touch paper anymore.
— Marty Cagan, SVPG



I just love Balsamiq. **Have been in love for years.**
— Jane Portman, UI Breakfast



Truly loving Balsamiq for spec: **it keeps you concentrating on exact matters.**
— Joel Spolsky, CEO, Stack Overflow



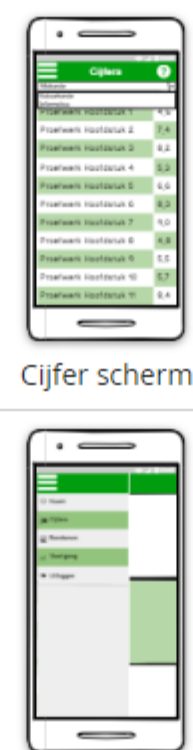
Kwasten (Brushes) | **Vormen** (Shapes) | **Contour** / **Opvulling** (Stroke/Fill) | **Lijndikte** (Line thickness) | **Kleur 1** / **Kleur 2** (Color 1/2) | **Kleuren** (Colors) | **Kleuren bewerken** (Edit colors)

Project Edit View Help | **Share** | **Quick Add** | **More Controls...**

Big Buttons Common Containers Forms Icons iOS Layout Markup Media Symbols Text

Block of Text | Breadcrumbs | Browser Win... | Button | Button Bar | Calendar | Callout | Chart: Bar | Chart: Column | Chart: Line | Chart: Pie

Cijfer scherm



Inloggen

Notes

Click here to edit notes.

Alternate Versions

Click '+' to create an alternate version of this wireframe



Vragen?



Vragen van ons:

Opmerkingen module
Wie wil uittesten?

A background of deep red, vertically pleated curtains, slightly parted at the top corners. The word "Einde" is centered in a white, elegant script font.

Einde