

# Svyatoslav Polishchuk

Portfolio — 2018

# meco

meco is a unique habit building product based on science-proved methodology with the use of RFID technology



[watch demo](#) / [review workflow](#) / [review interactive prototype](#)

# brief

For the final project, we have been asked to come up with an idea, create a working prototype and write a document critically justifying the approach and methodology taken. So basically, the task was to create whatever.

# problem

However, I decided to create not just whatever, but to create something useful. So I began considering a solution that would help manage the most valuable resource – time – better than before.

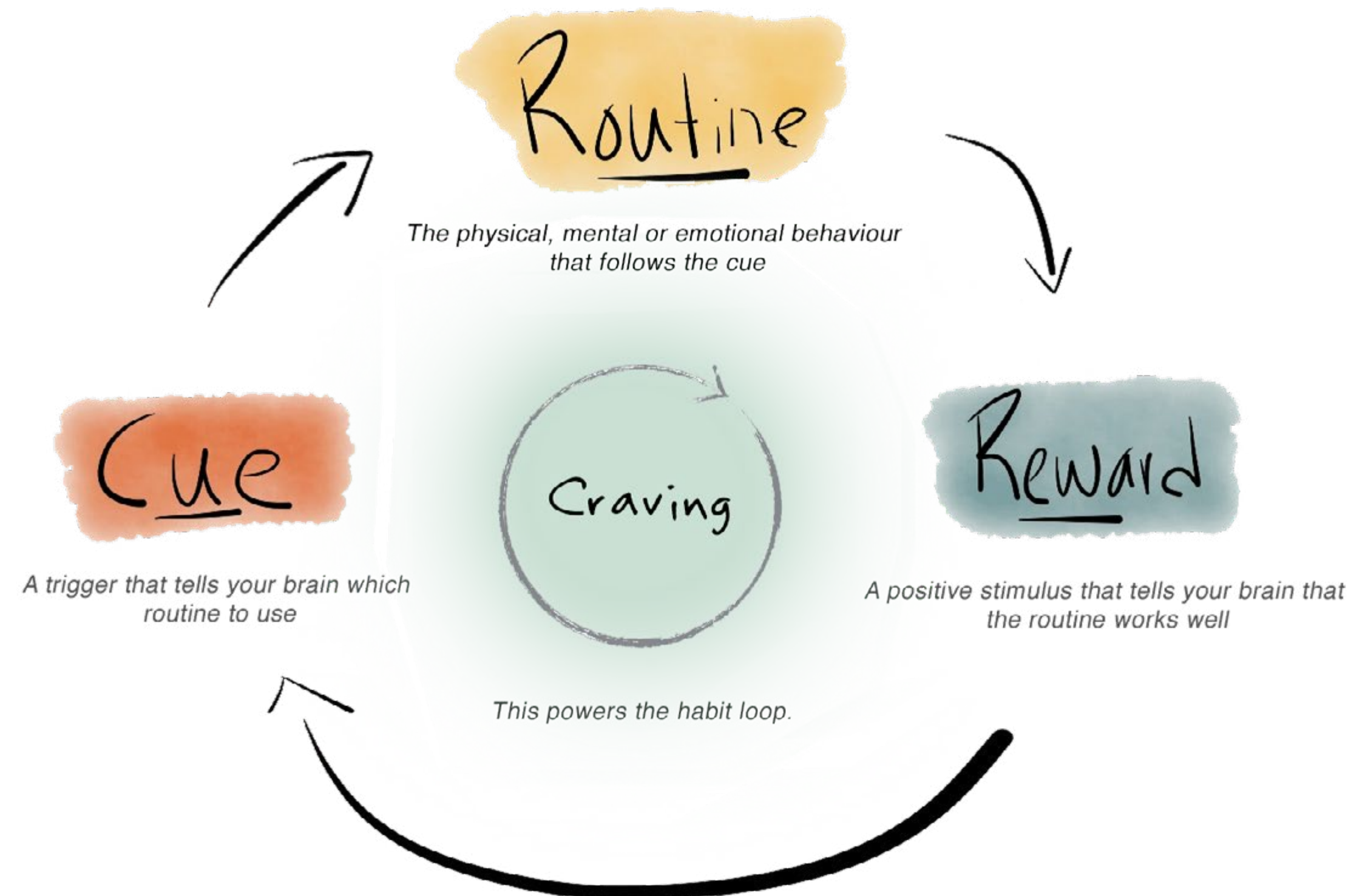
Apparently, there are tons of different time tracker, calendar and agenda management apps on the market, so I decided to narrow my intent to one specific niche. After brief market research, I decided to focus on habits as this is something, that we unconsciously spend much time on and not all of these habits are effective or useful.

# research

When behaviours are repeated in a consistent context, there is an incremental increase in the link between the context and the action or in other words – creates a habit. This increases the automaticity of the behaviour in that context.

I found the explanation of this process in the book *The Power of Habit* by Charles Duhigg, where he illustrates the process and explains that each habit loop consists of three main components:

- Cue (trigger)
- Routine (action)
- Reward



# concept development

## Initial idea

A smart alarm device which you cannot turn off.



A smart alarm device designed to help building your morning routine by ringing one minute before the time runs up and you cannot turn it off.



A smart device designed to help building your typical routine by notifying you when it's time go to the next stage of your routine.

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## Questions

- Why is this a problem to get to bed earlier?
- What if I have a partner which has a different wake-up time?
- What does stop you from getting back into bed after turning off the alarm?

- Why do you focus only on building morning routine?
- What if something changed during performing the routine?
- What is the actual problem I'm solving?
- Do people really need a morning routine?
- What if I had a bad sleep and I want to skip some steps of the routine?

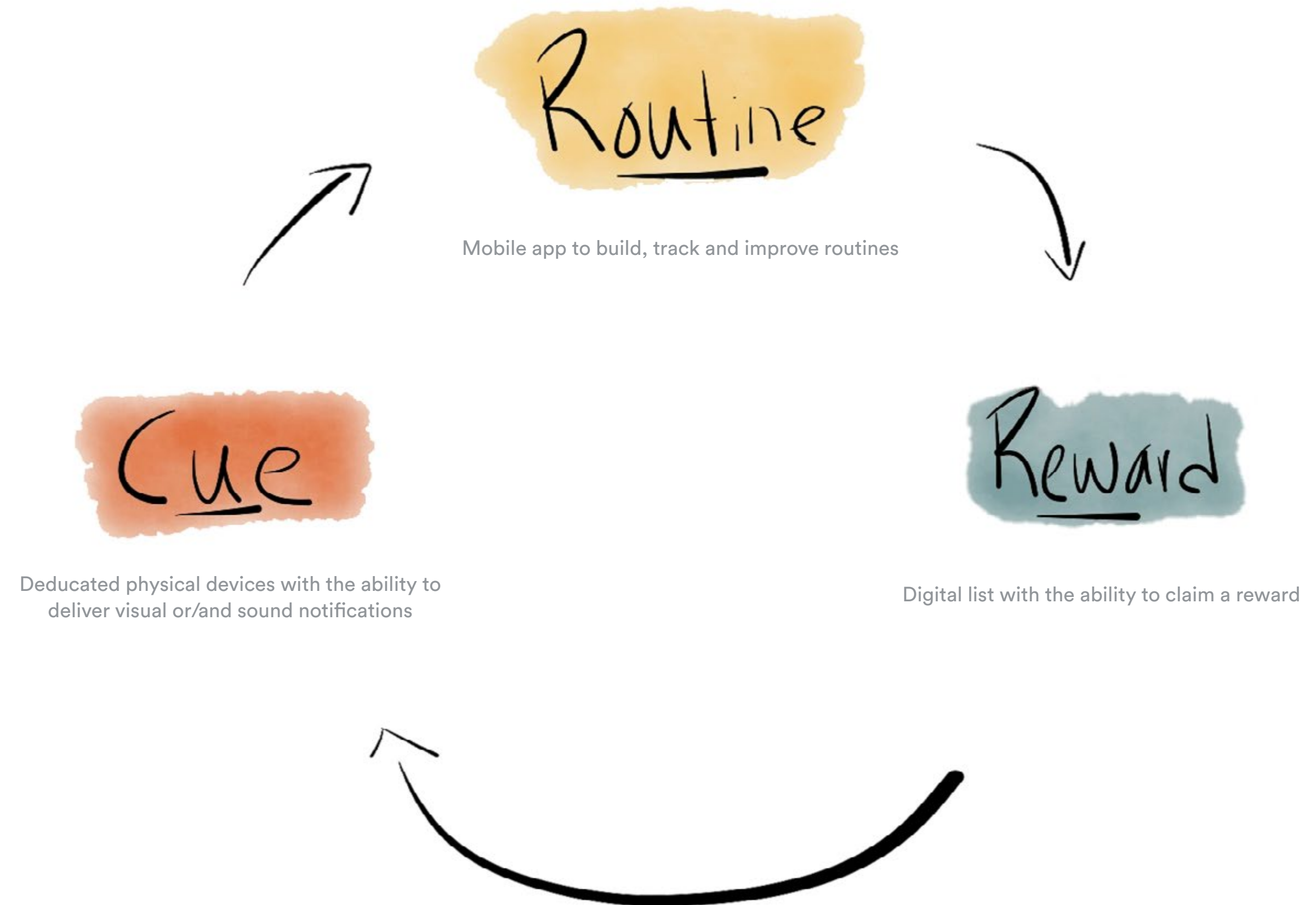
- What if I finish the task earlier? How should it know what is the minimum and maximum time for the task?
- It would be a great tool not to stack on Facebook while drinking coffee so I don't rush in the morning.



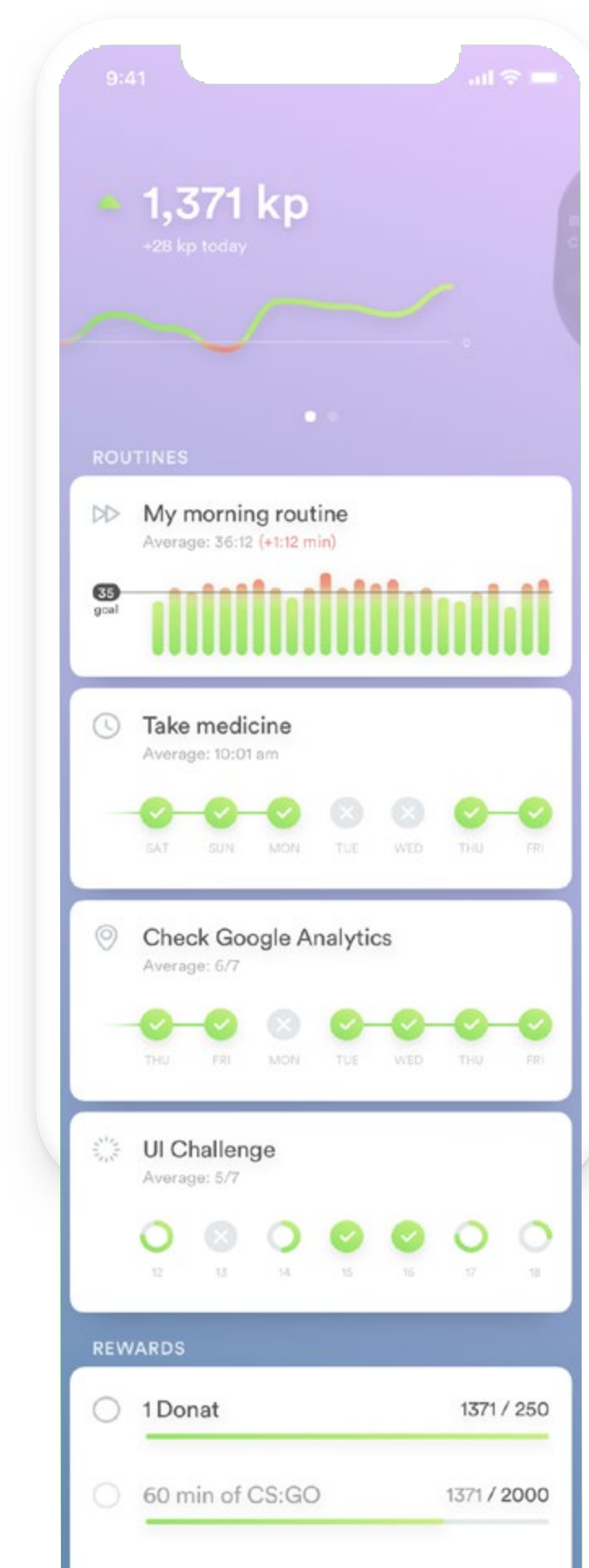
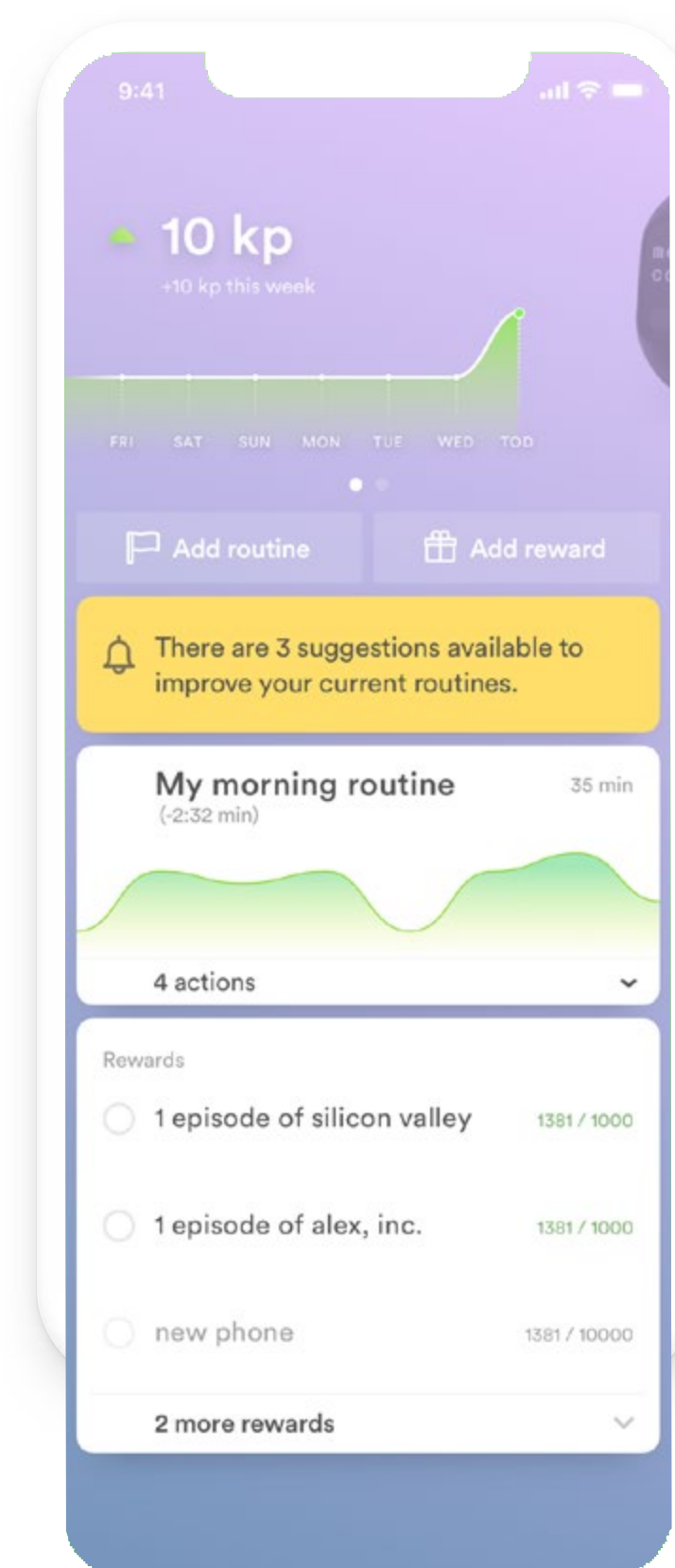
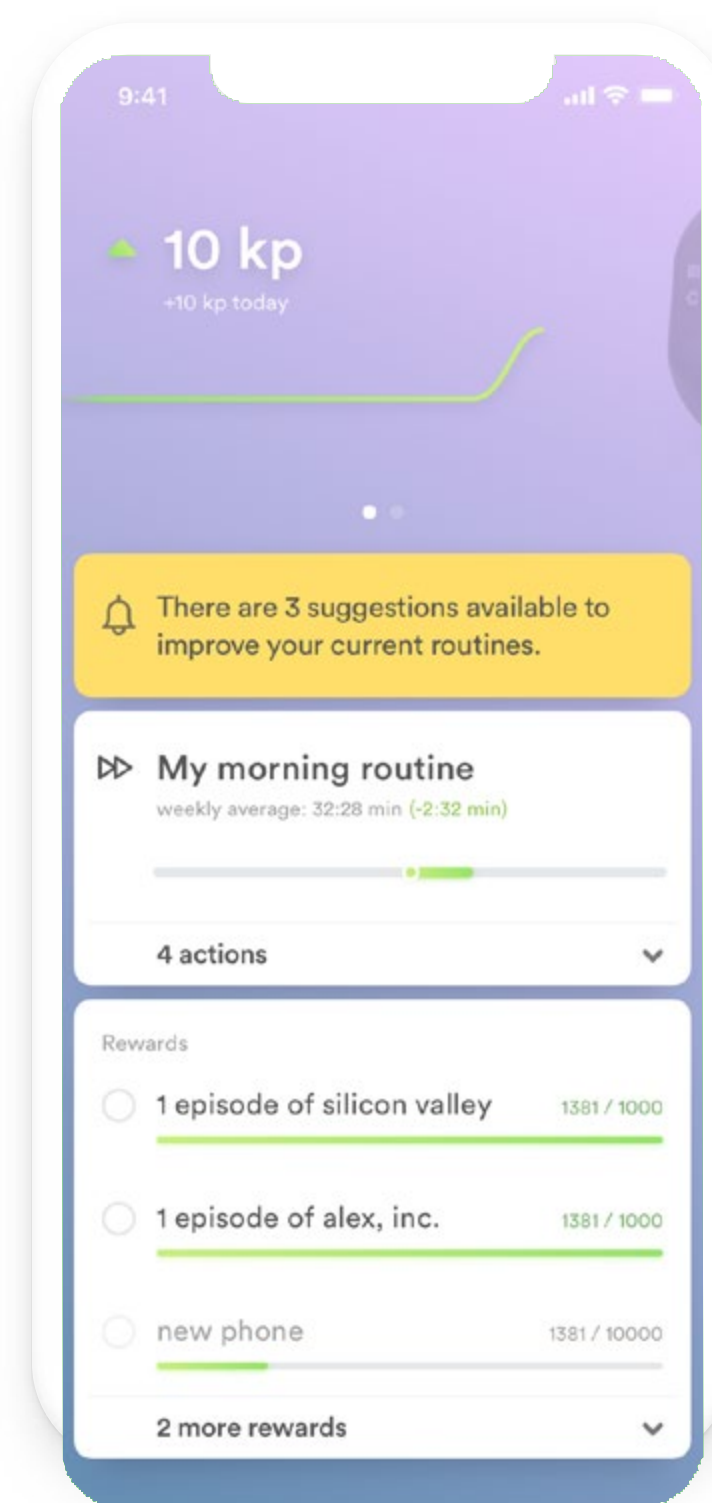
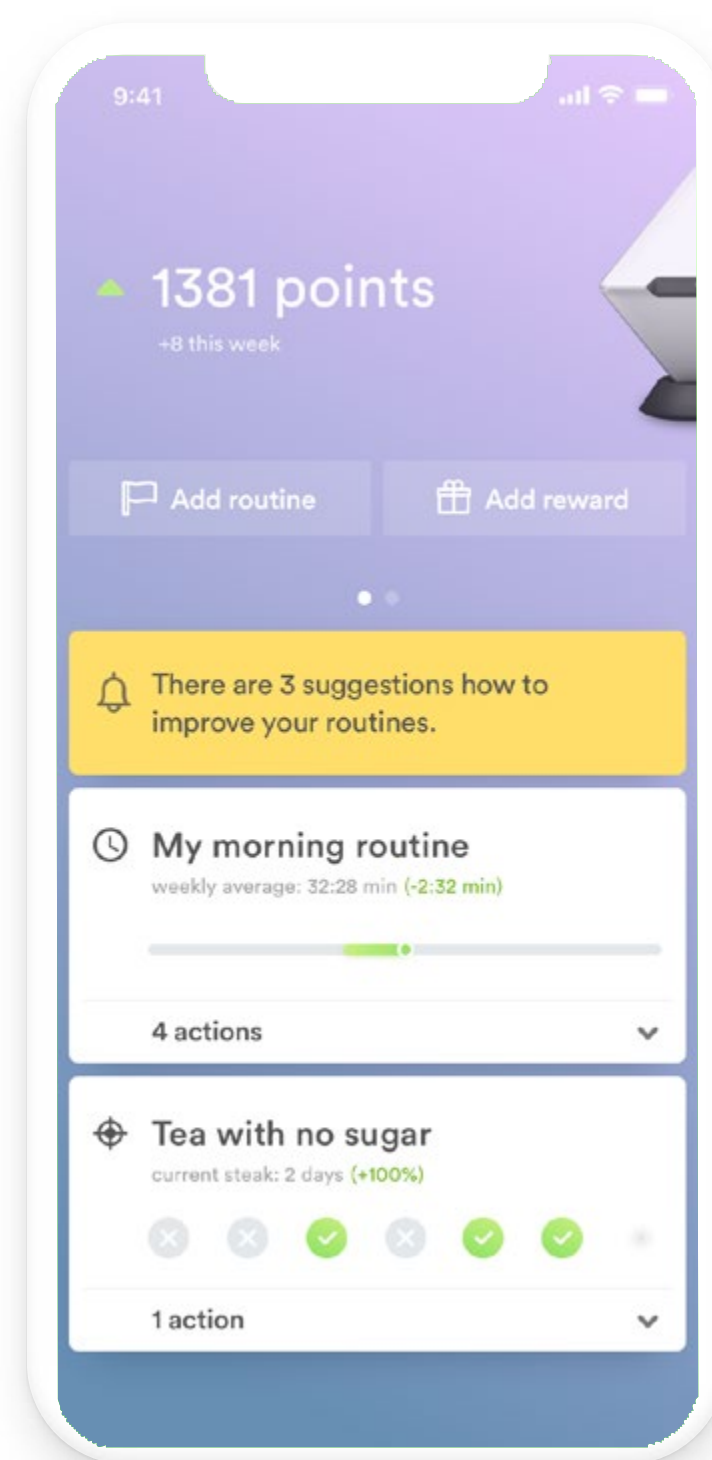
# concept development

## Final idea

A smart physical companion designed to help track, building and improve your habits by visual and audio signals so you can do more in less time (and never be late again too).



# design development



# final design

The biggest problem of building habits and routines – the cue – is now solved with the meco device, which will trigger the user to do the action.

The reliability of the device, long battery life and ability to pick a band that suits user's personal style coupled with the unique appliance of RFID technology makes it not only a great tool against procrastination but also a personal companion that helps the user become better and more productive.





# final design

In the result, meco app appears to be not just a companion app, but a control panel of all user habits built on top of different trigger types. With this app, user can create, track, improve and review the habit creation process.

Along with proactive suggestions and useful tips, routines becoming more enjoyable and easy to stick in a long-term perspective.

Additionally, rewards will always remind user about the pleasure of completing the routine and motivate him to do his best and achieve more than before.

[watch demo](#) / [review workflow](#) / [review interactive prototype](#)

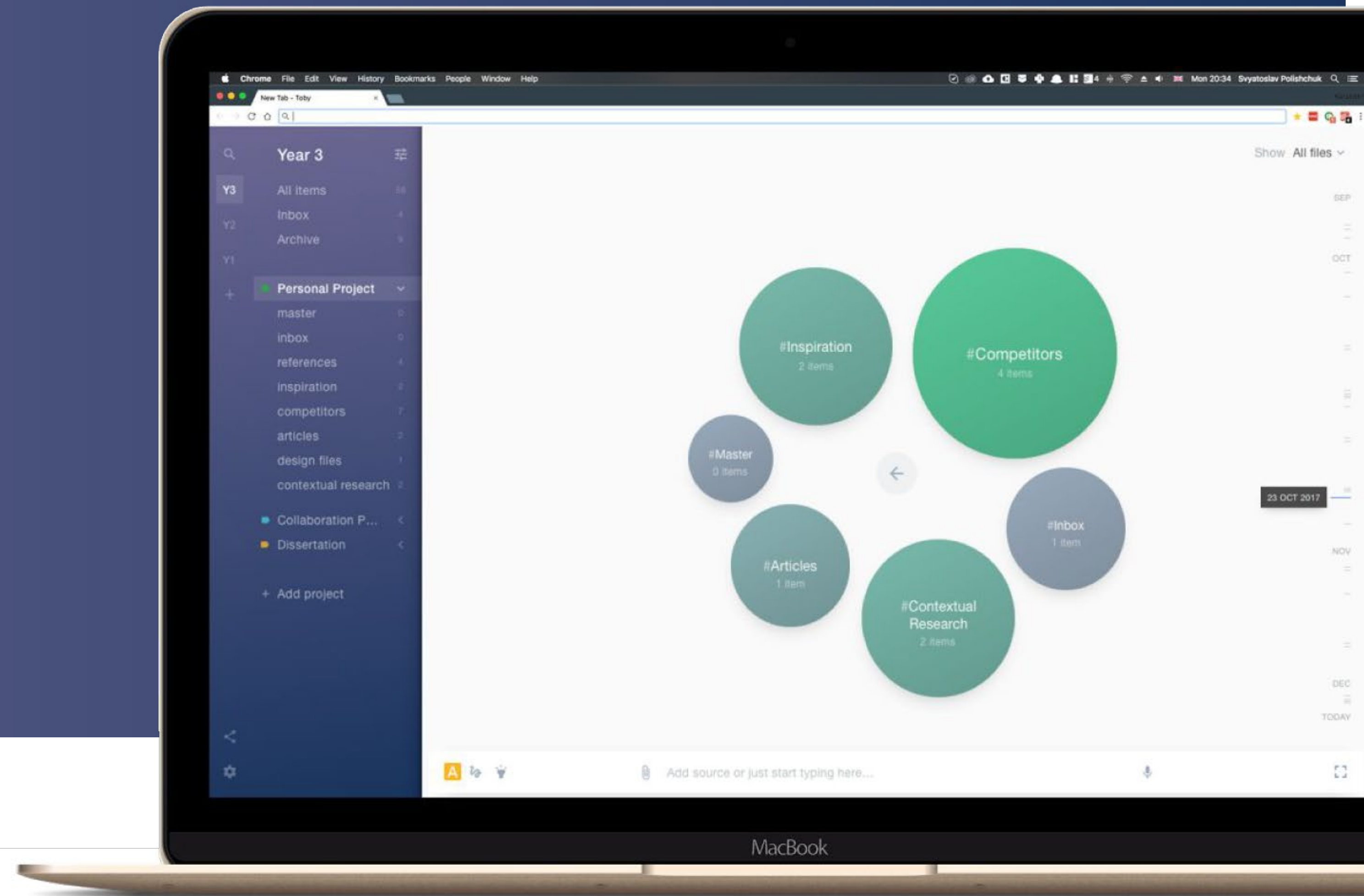




# brainbase

Media management system for students that helps search, collect and store media files and web links to stay organised and boost productivity.

[watch demo](#) / [review interactive prototype](#)



# brief

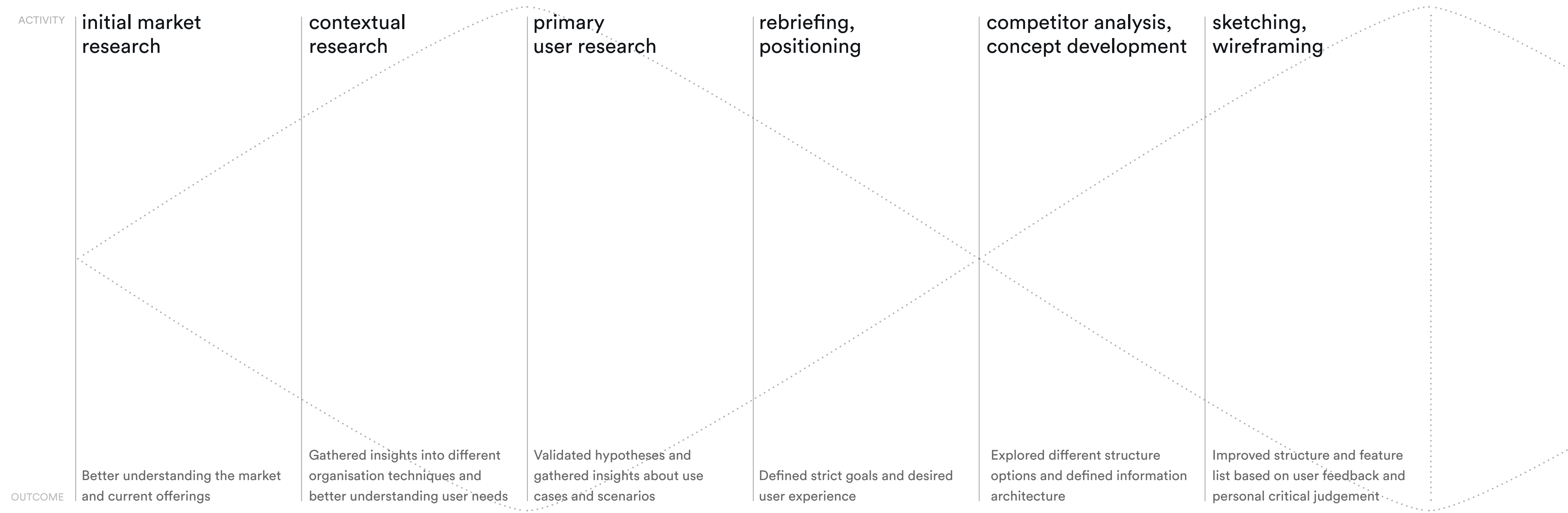
In the first semester of the final year, we have been given an open brief with the invitation to investigate what is happening in the technology world, who are the main players and how our future will look like.

Based on these predictions, we have to suggest a new and innovative way that chosen technology could potentially be used and design a prototype to demonstrate the concept.

# problem

The problem I decided to tackle is common students struggle with organising different media files during the research and project development stages which include links, references, notes, images, etc.

# process





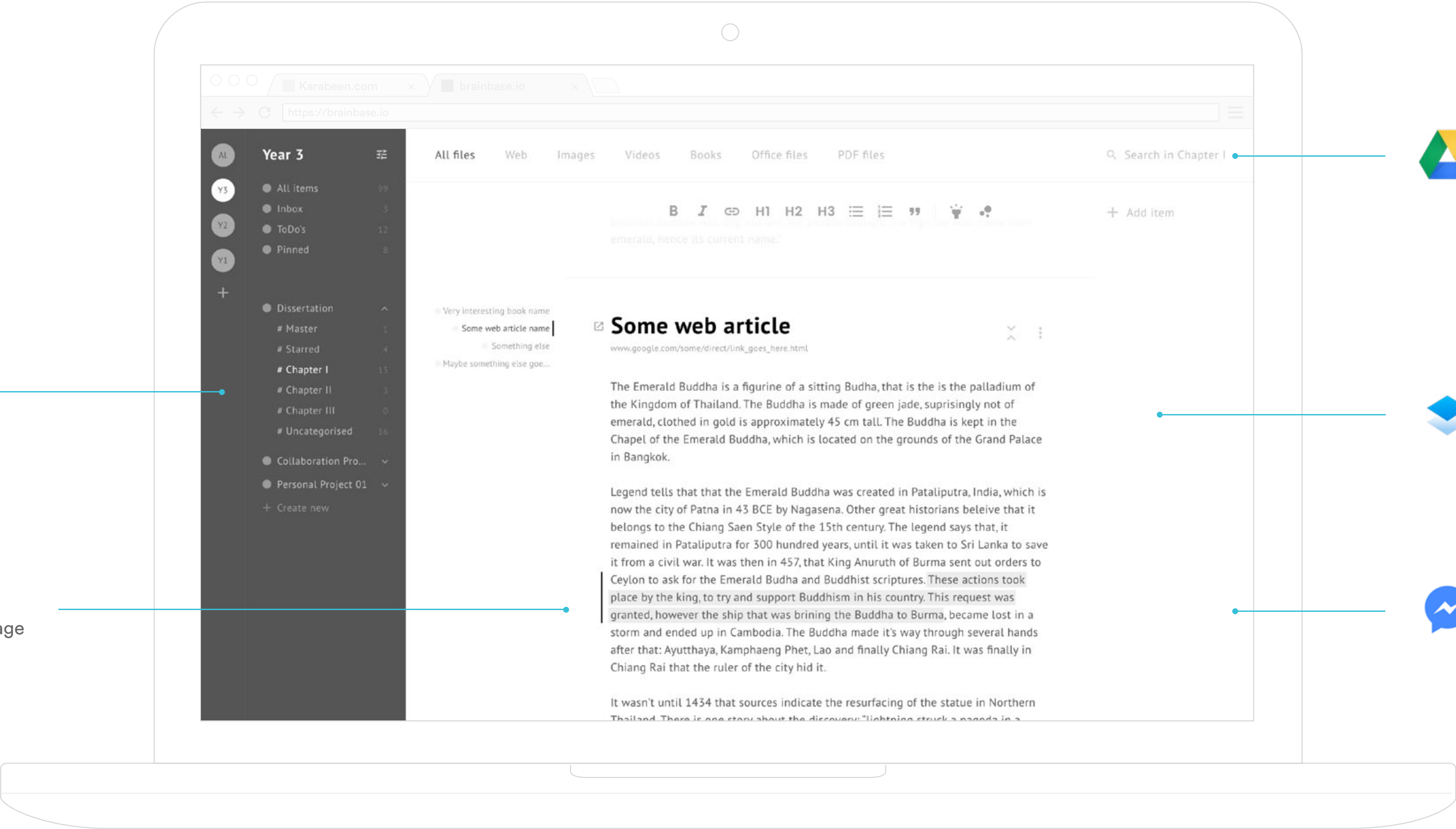
# concept



Slack  
sidebar



Todoist  
natural language  
processing



Google Drive  
internal search and filters



Dropbox Paper  
writing tools



Instant Messengers  
layout and interaction

# design development

AI

Year 3

≡

Y3

● All items

99

Y2

● Inbox

3

Y1

● ToDo's

12

Y1

● Pinned

8

+

● Dissertation

^

# Master

3

# Starred

4

# Chapter I

13

# Chapter II

3

# Chapter III

0

# Uncategorized

16

● Collaboration Pro...

▼

● Personal Project 01

▼

+ Create new

⚙

All files

Web

Images

Videos

Books

Office files

PDF files

🔍 Search in All items

@Personal Project 01

57 items

@Dissertation

42 items

@Collaboration Project

29 items

Y3

● All items

99

Y2

● Inbox

3

Y1

● ToDo's

12

Y1

● Pinned

8

+

● Dissertation

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# Master

3

# Starred

4

# Chapter I

13

# Chapter II

3

# Chapter III

0

# Uncategorized

16

● Collaboration Pro...

▼

● Personal Project 01

▼

+ Create new

⚙

All files

Web

Images

Videos

Books

Office files

PDF files

🔍 Search in Chapter I

B

I

↔

H1

H2

H3

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+ Add item

Very interesting book name

Some web article name

Something else

Maybe something else goes...

🔖 Some web article

www.google.com/some/direct/link\_goes\_here.html

The Emerald Buddha is a figurine of a sitting Budha, that is the is the palladium of the Kingdom of Thailand. The Buddha is made of green jade, suprisingly not of emerald, clothed in gold is approximately 45 cm tall. The Buddha is kept in the Chapel of the Emerald Buddha, which is located on the grounds of the Grand Palace in Bangkok.

Legend tells that that the Emerald Buddha was created in Pataliputra, India, which is now the city of Patna in 43 BCE by Nagasena. Other great historians beleive that it belongs to the Chiang Saen Style of the 15th century. The legend says that, it remained in Pataliputra for 300 hundred years, until it was taken to Sri Lanka to save it from a civil war. It was then in 457, that King Anuruth of Burma sent out orders to Ceylon to ask for the Emerald Budha and Buddhist scriptures. These actions took place by the king, to try and support Buddhism in his country. This request was granted, however the ship that was brining the Buddha to Burma, became lost in a storm and ended up in Cambodia. The Buddha made it's way through several hands after that: Ayutthaya, Kamphaeng Phet, Lao and finally Chiang Rai. It was finally in Chiang Rai that the ruler of the city hid it.

It wasn't until 1434 that sources indicate the resurfacing of the statue in Northern Thailand. There is one story about the discovery: "lightning struck a pagoda in a temple in Chiang Rai, after which something became visible under the stucco. The Emerald Buddha was dug out and the people thought the figurine was made from emerald, hence its current name."

🔖 Something else

Book name by Author

Add more information

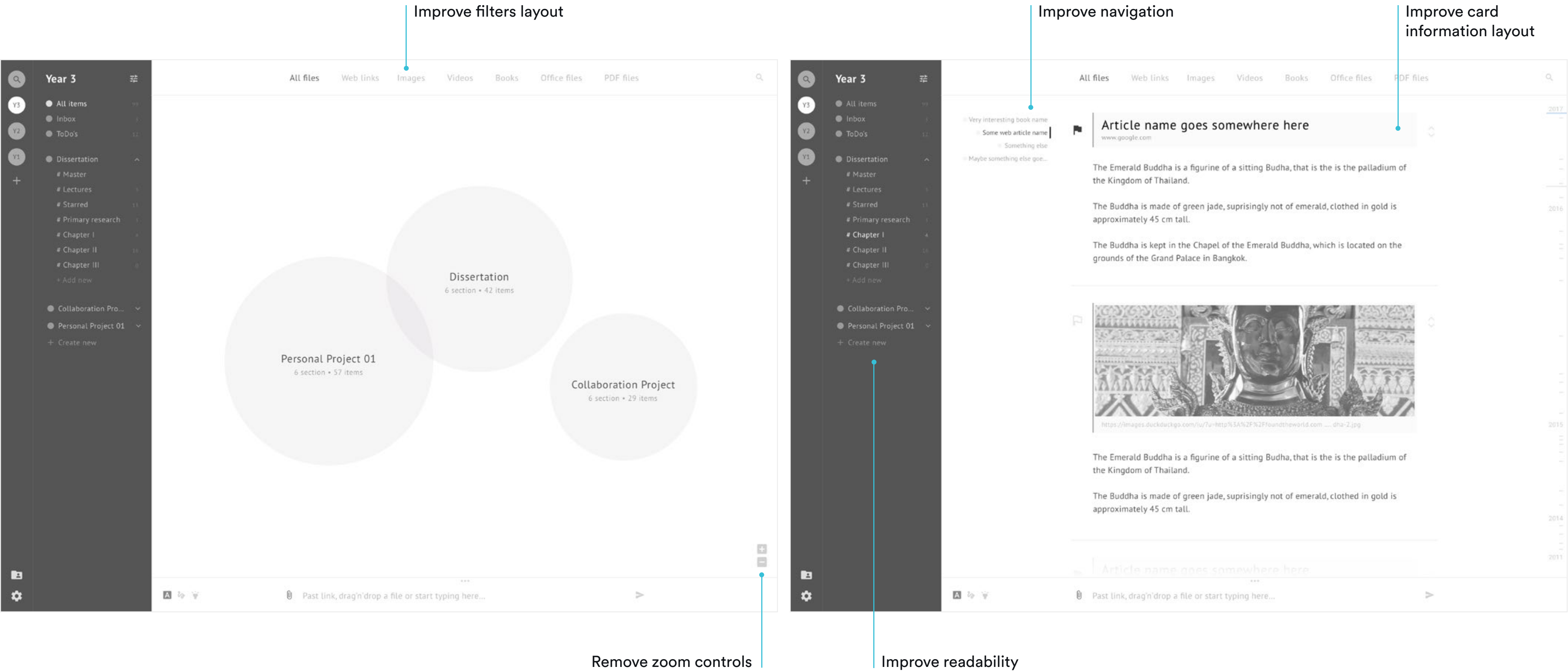
Add Google Search integration

Remove text toolbar from the feed

Add quick note input

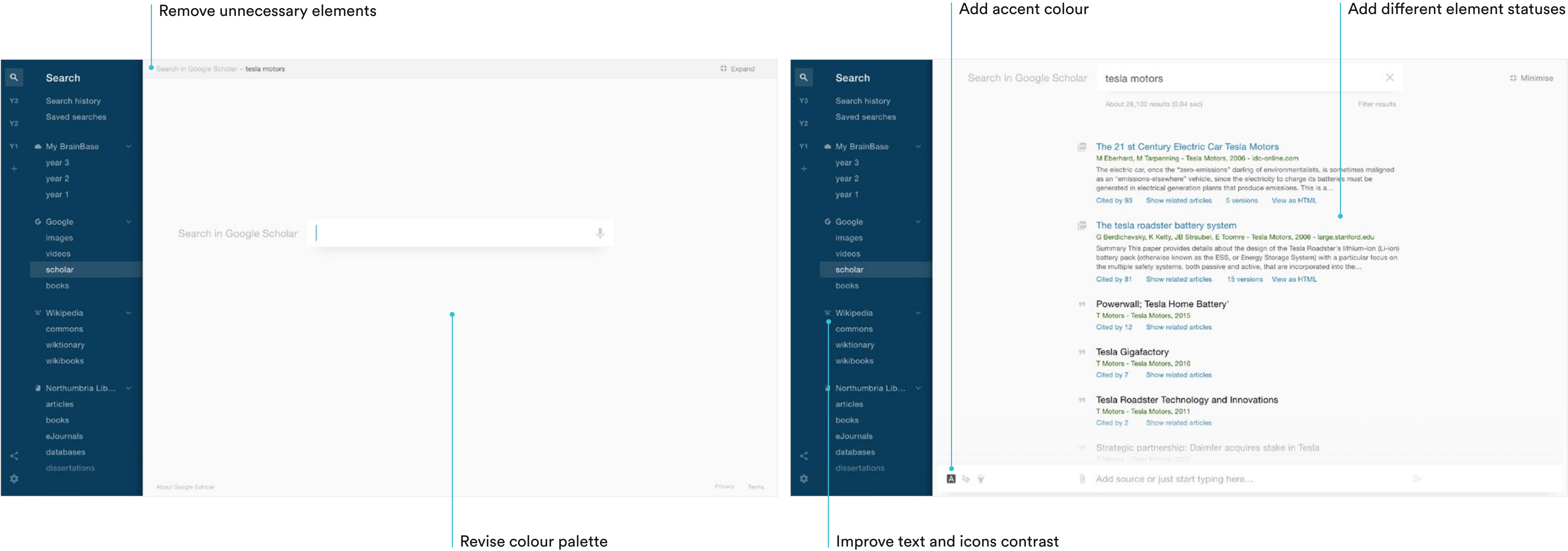
Add sharing centre

# design development



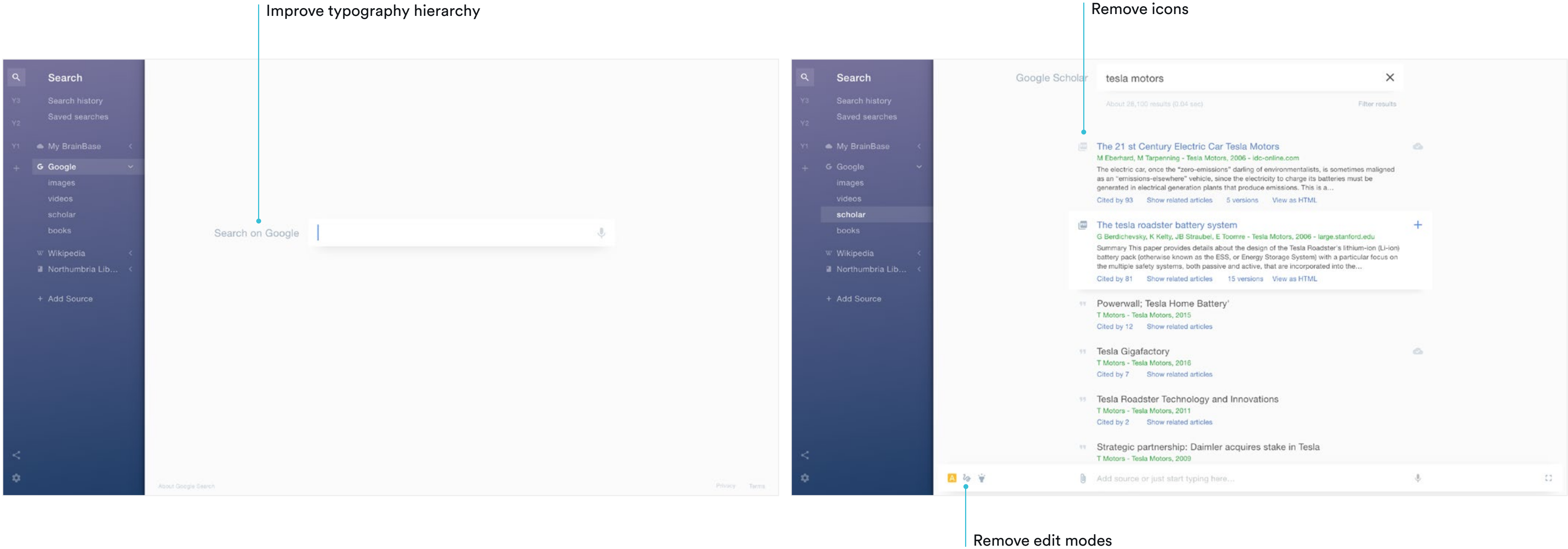


# design development

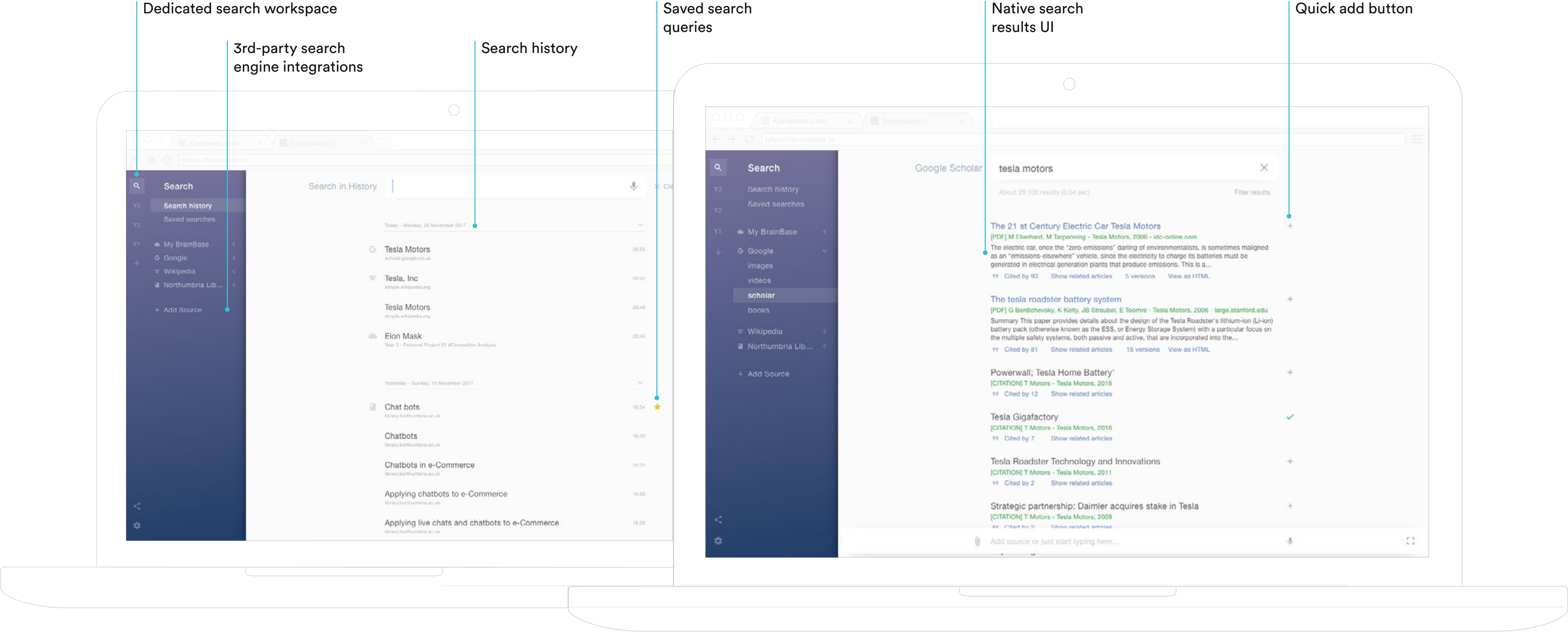




# design development



# final design



# final design

Multiple custom workspaces

Search inside the project

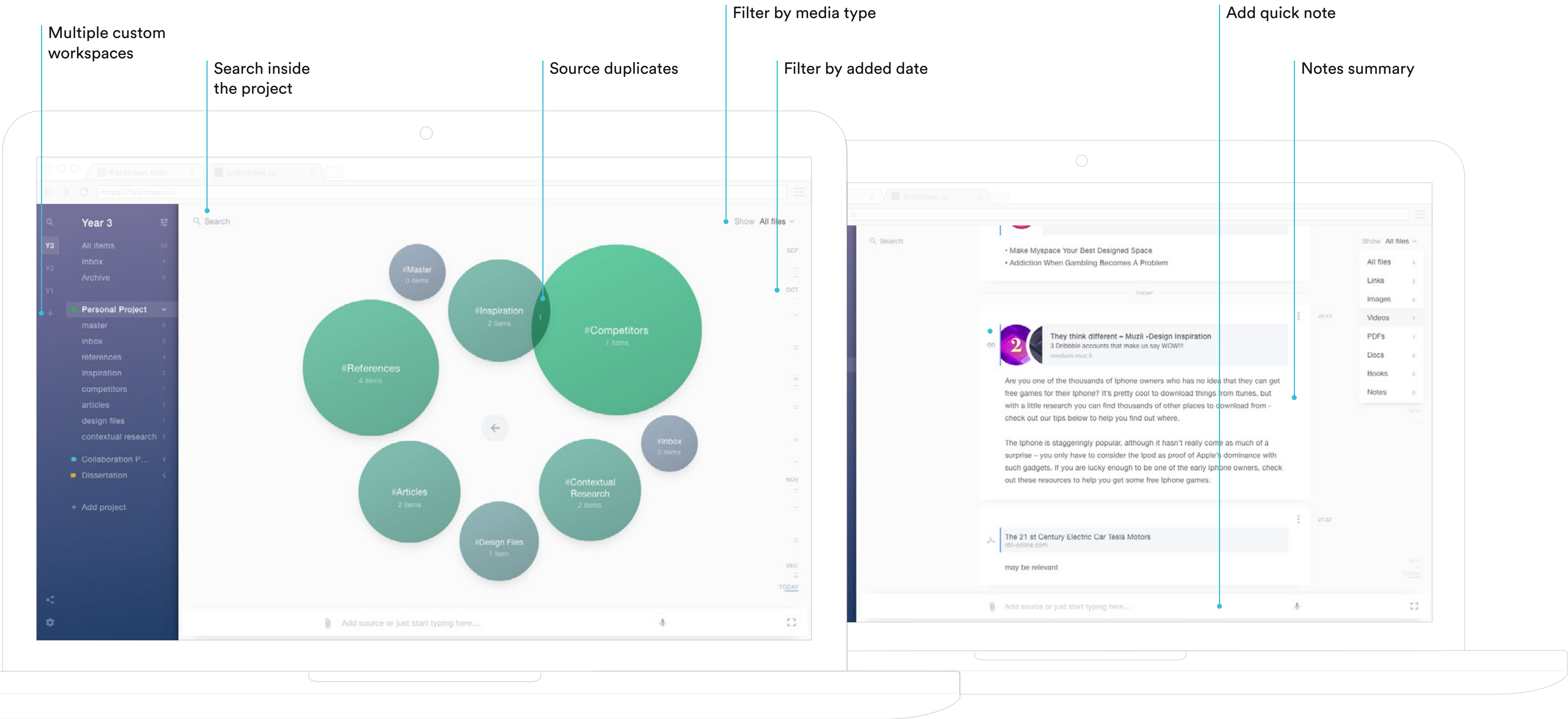
Source duplicates

Filter by media type

Filter by added date

Add quick note

Notes summary





# final design

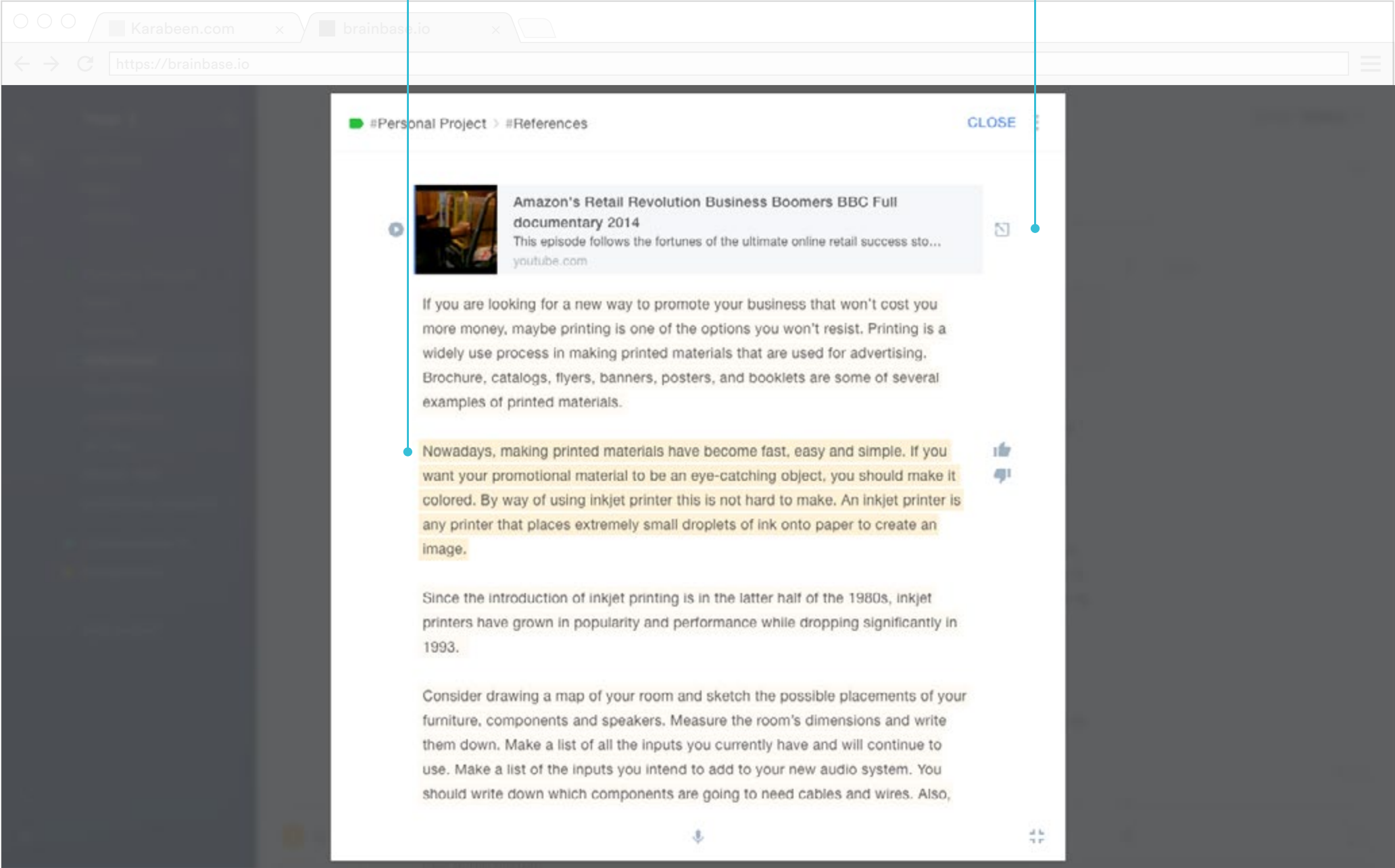
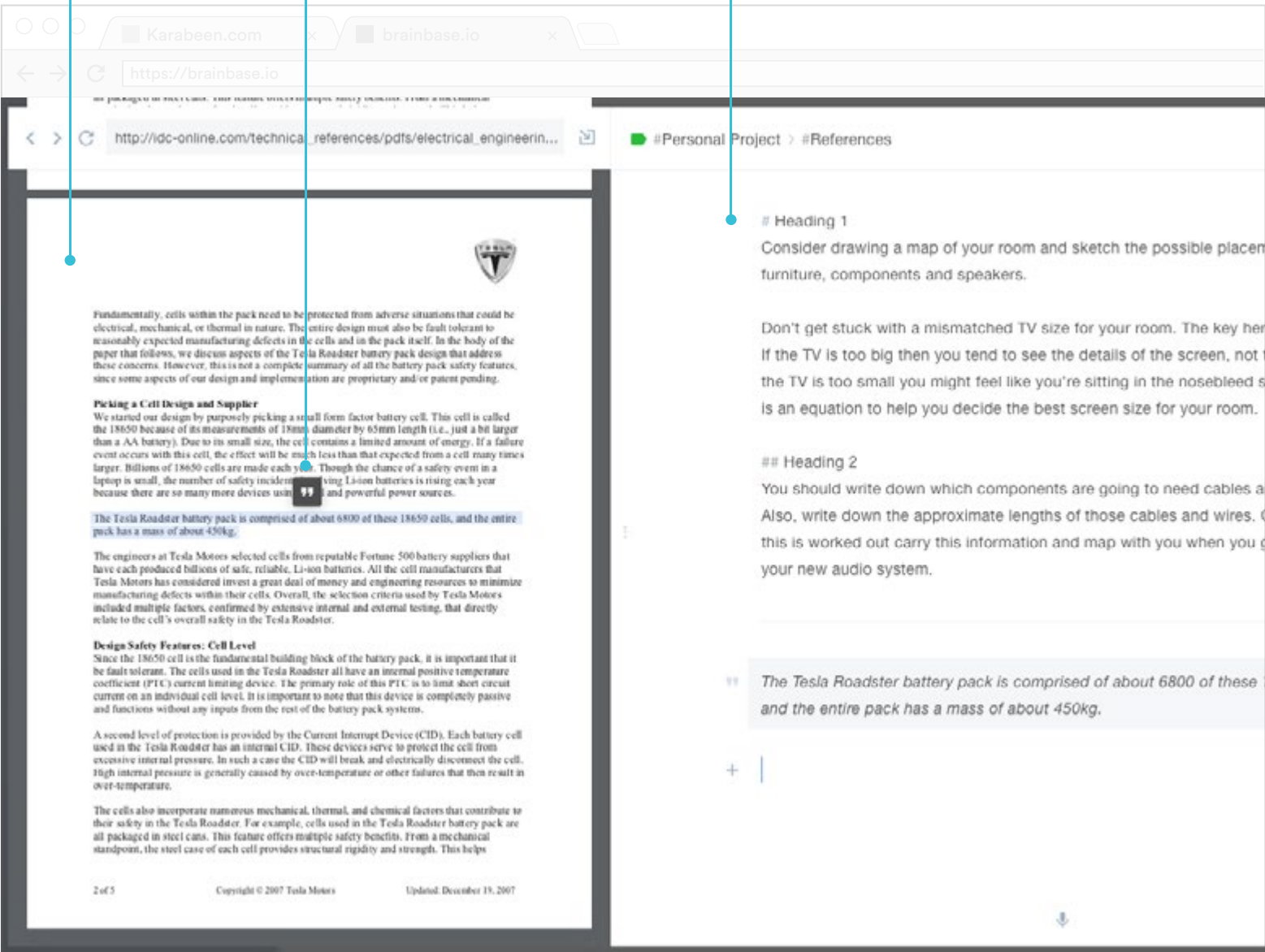
Side-by-side mode

Quote in one click

Markdown support

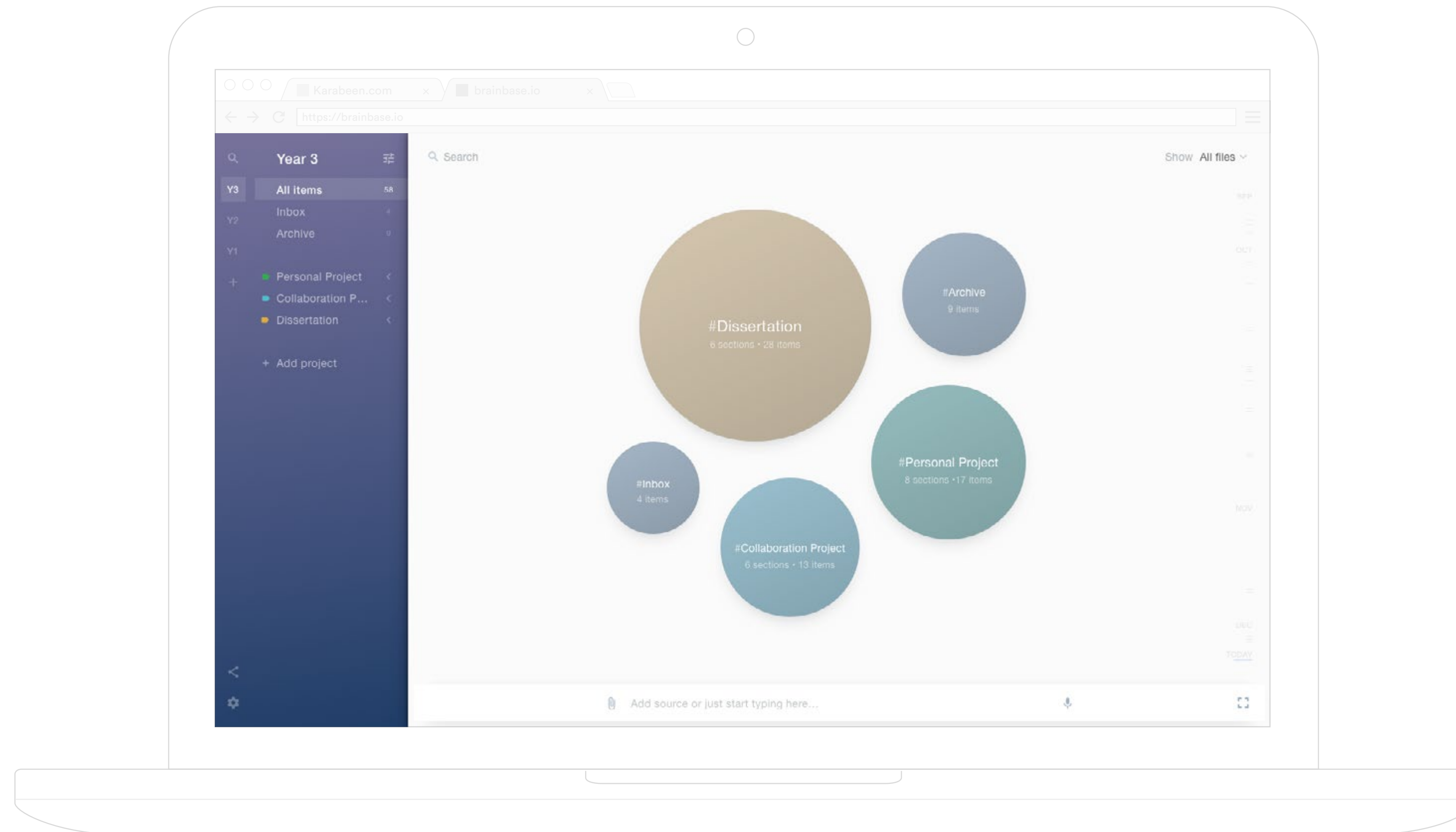
AI-powered  
source summary

Open in  
side-by-side mode





# prototype



[watch demo](#) / [review interactive prototype](#)

# sage Zero

The concept for the next generation of Sage One employee management and payroll software, the online web app designed for small and micro businesses.

[watch demo](#) / [review employee prototype](#) / [review employer prototype](#)





# brief

Introduce a concept for the next generation of Sage One employee management and payroll software. Identify the key user needs, based on the given scenario, consider a number of features and solutions, then determine which are the most desirable to users.

The solution should work from both an employer and employee perspective.

# scenario

I'm Andrew Watts, director young start-up company called Stellar Events Ltd. We provide event planning, bar staff, catering, and silver service for events and parties, often at short notice.

Today, we've got 14 staff members, but we have a high turnover of staff, with about three members joining or leaving each month. I have two office assistants who have an annual salary, but the events staff are paid by the hour. Everyone signs a rota to acknowledge their scheduled shifts, and they fill in a timesheet at the end of each shift, so we know what to pay them.

# team

- Sage One UX team (Client)
- Jacob (Graphic and Interaction design)
- Sviat (Visual and Interaction design)

# challenge

To explore and learn more about accounting sector as well as get a better understanding of employee management processes.



# process

ACTIVITY **brief analysis**

OUTCOME Clear understanding of key user needs and problems

**rebriefing**

Defined purpose, goals and focus areas of the project

**contextual research and competitor analysis**

Better understanding of employee management in the given industry

**user research**

Insights into staff management processes as well as hypotheses and early concepts validation

**information architecture**

Defined content and apps structure based on feedback from our target audience

**concept development**

Gathered feedback on initial wireframes and insights from the employer perspective

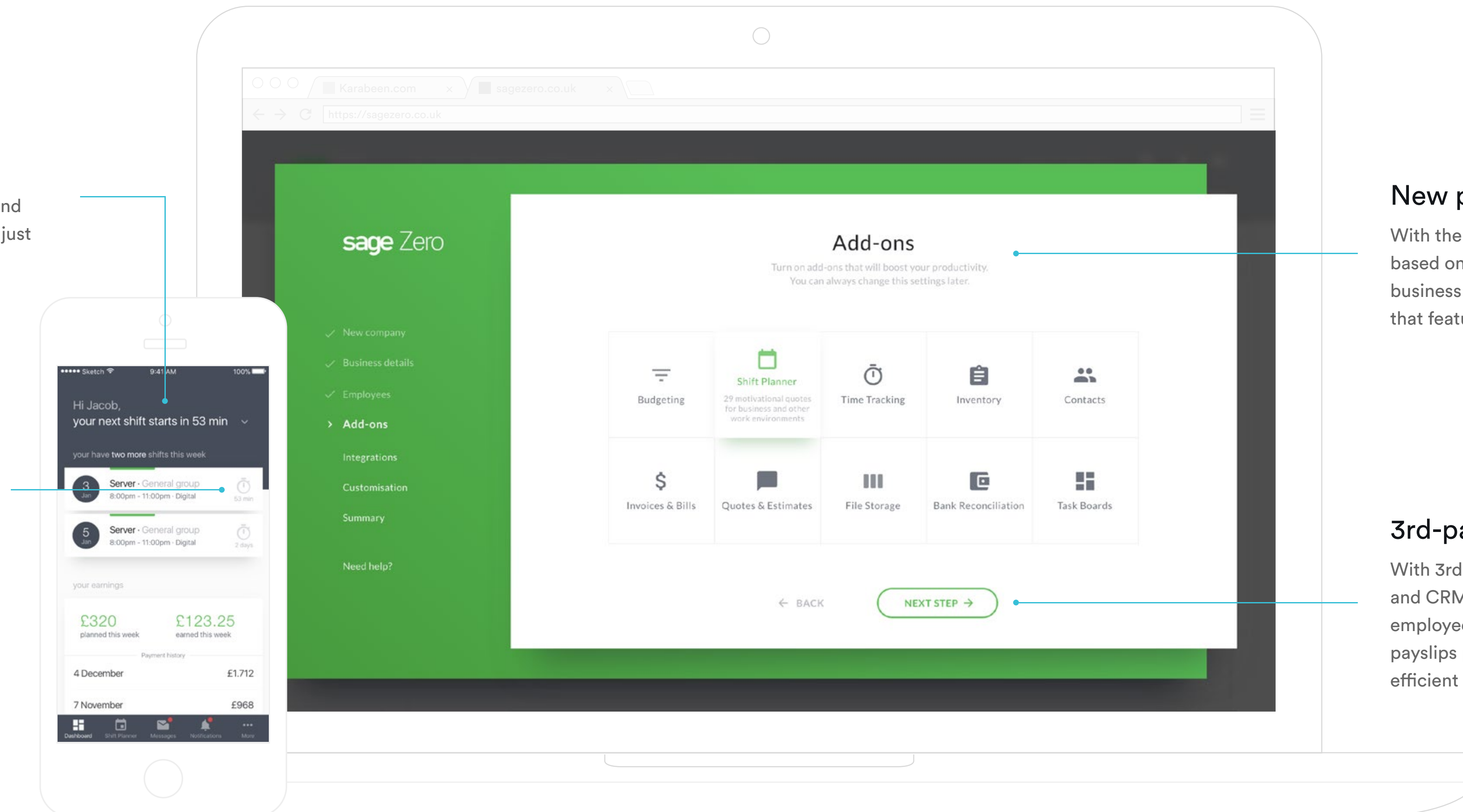
# concept

## Central hub

With a dashboard, shift planner, internal messages, notifications and many other tools for work it's not just a payroll app anymore.

## Better time tracking

Using NFC technology or manual shift start, clock-in and clock-out processes are as simple as press of a button.



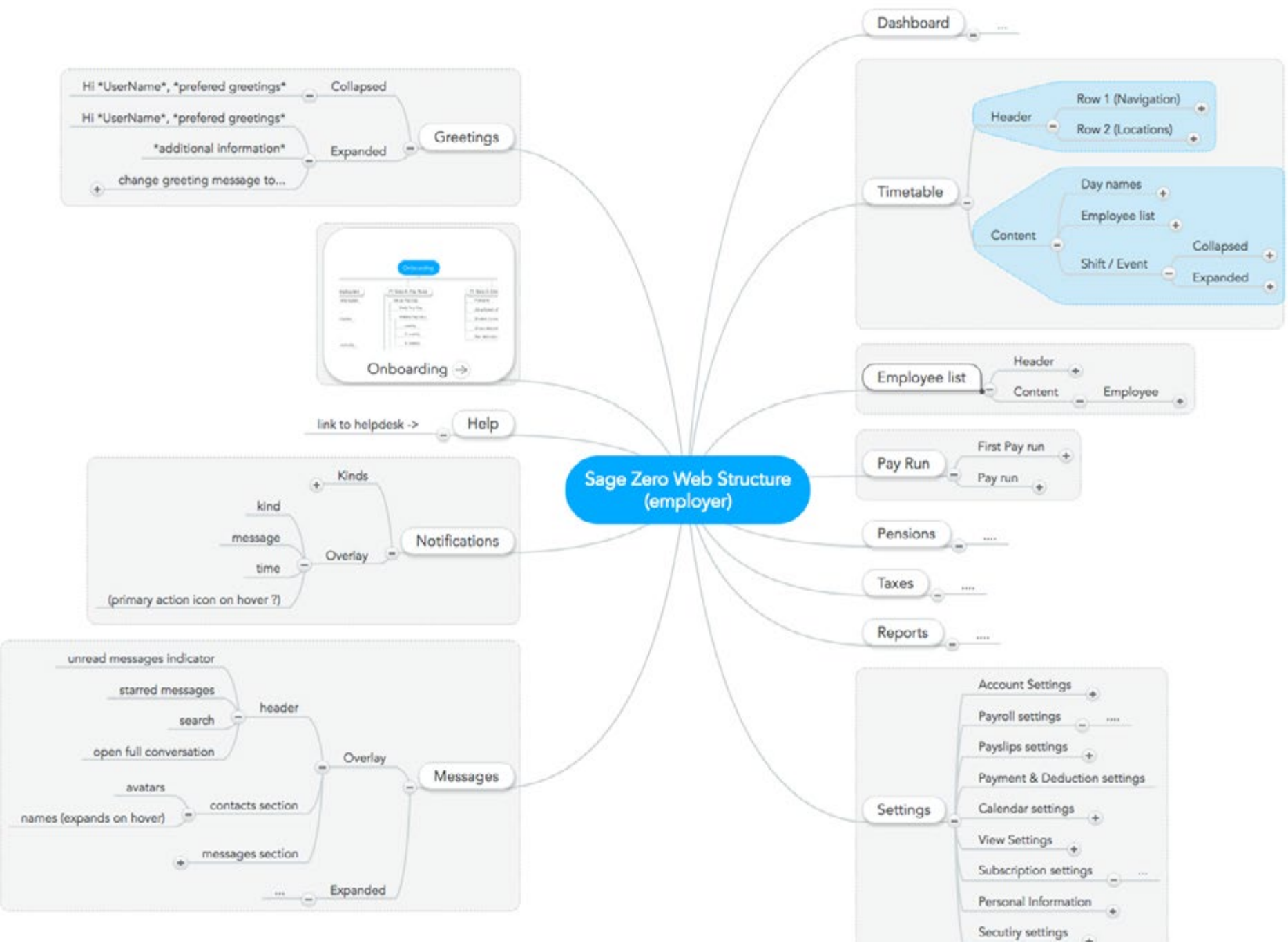
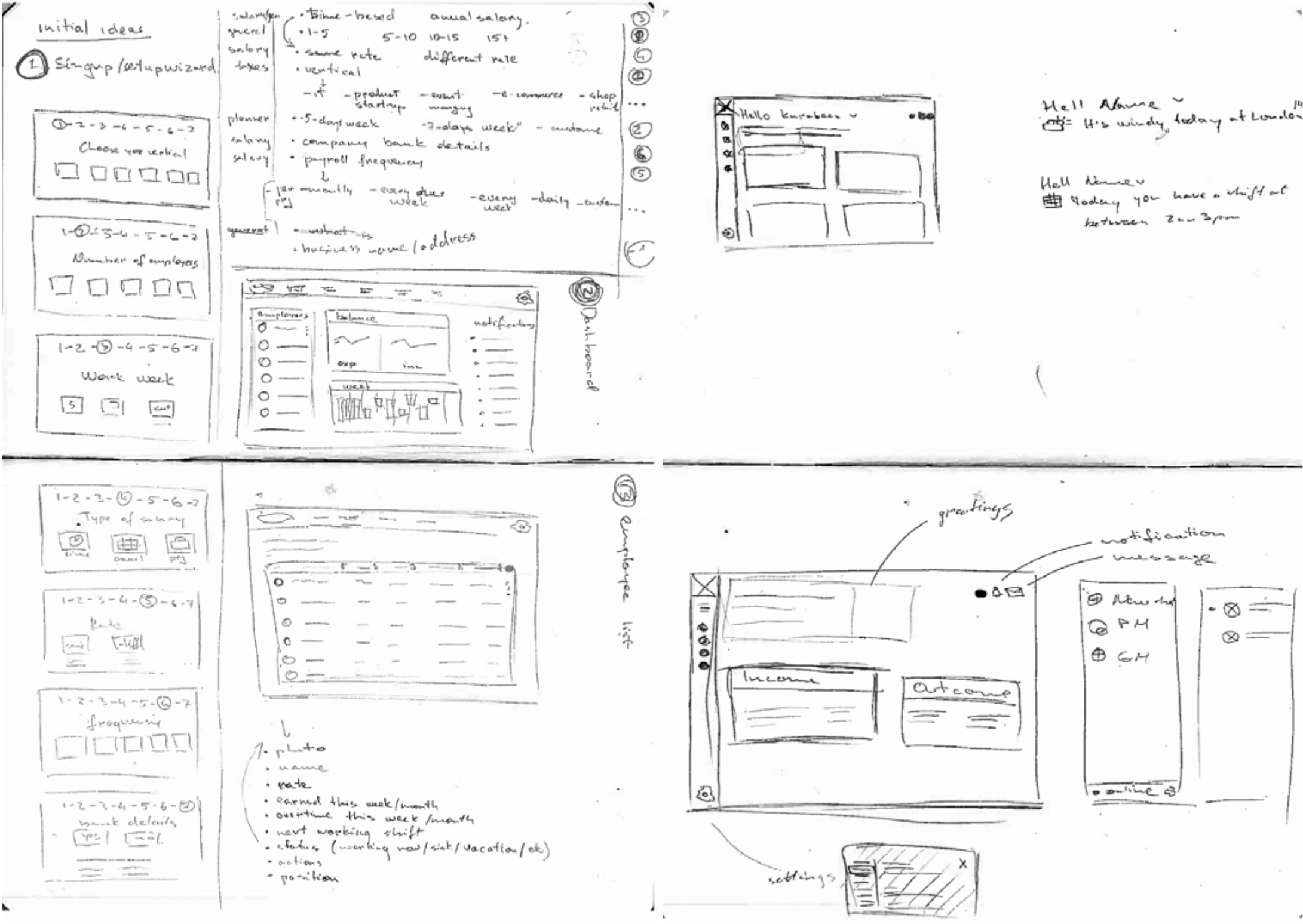
## New pricing model

With the flexible pricing model based on functionality used, a business owner can pay for only that features he needs.

## 3rd-party apps

With 3rd-party apps, services and CRM systems integrations employee management and payslips production are more efficient than ever before.

# design development



# design development

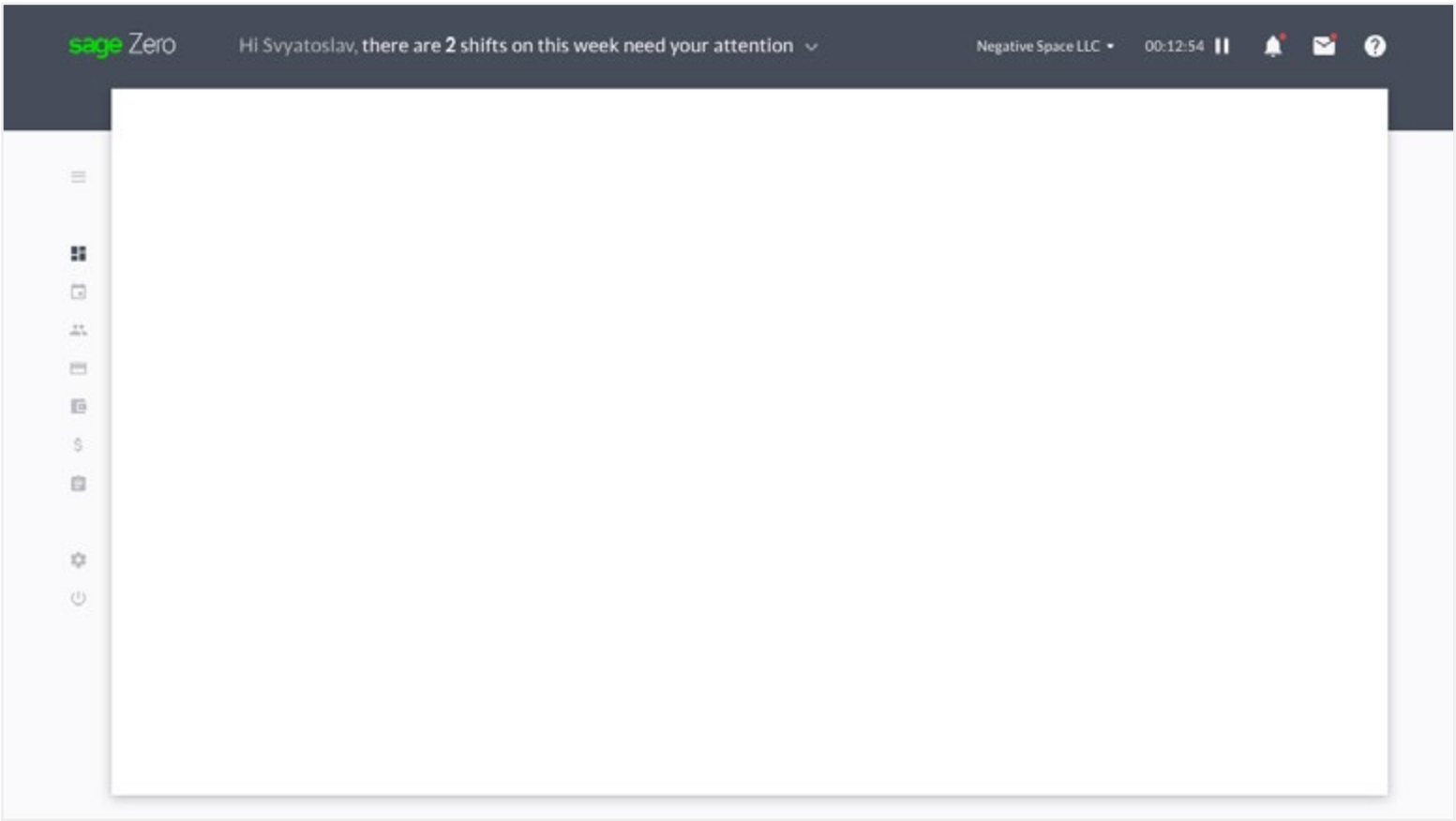
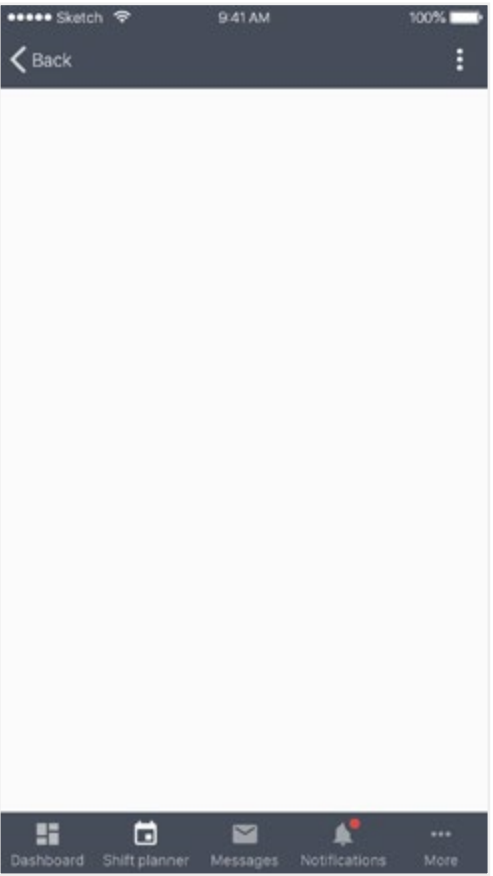
basic guidelines

Background colours

Icons and elements colours

Additional colours

Font colours



design system

Headline

Regular 28 size / 36 line

Title

Bold 20 size / 28 line

Subheading

Regular 18 size / 24 line

Body 2

Regular 15 size / 20 line

Body 1

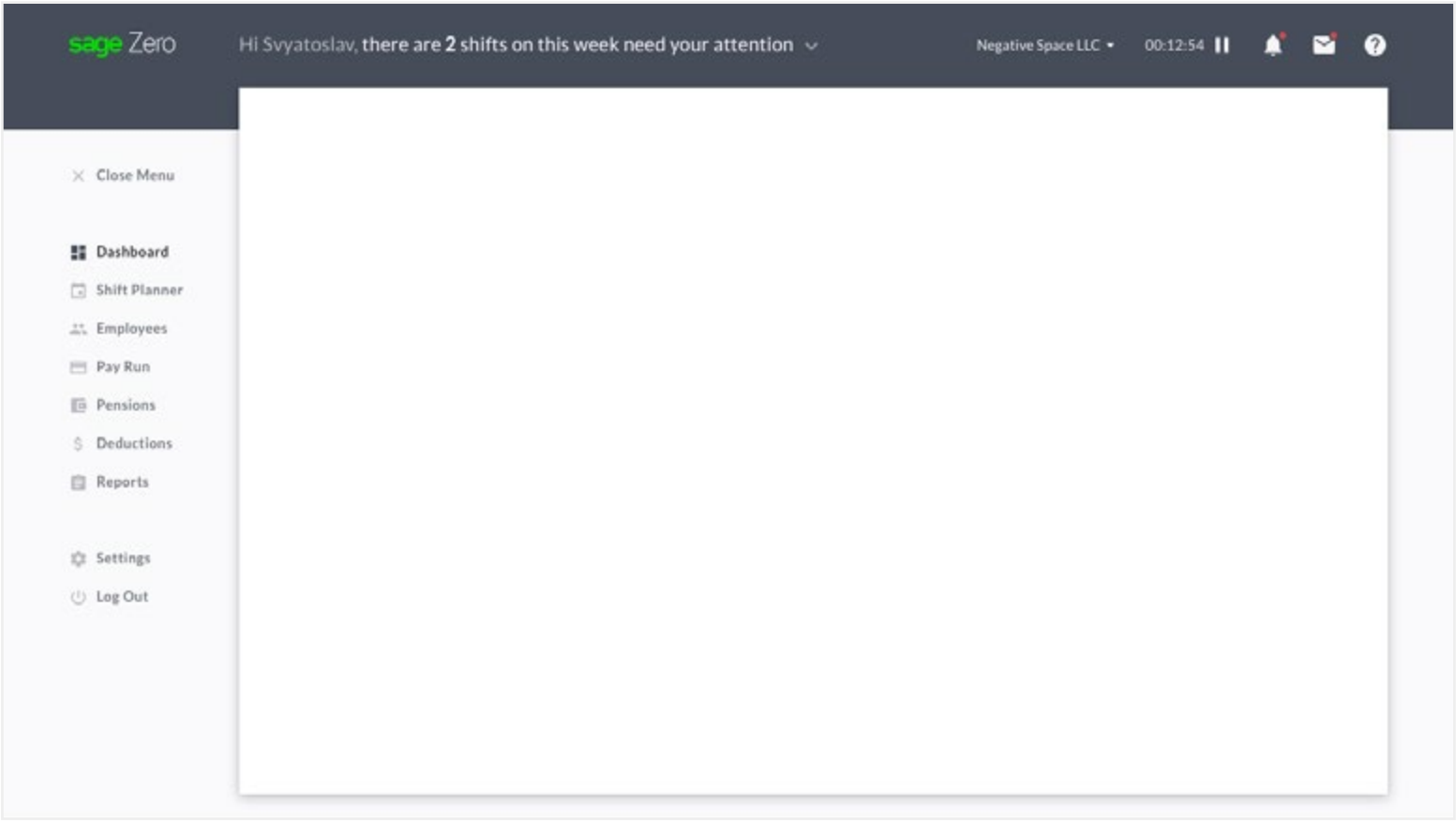
Regular 13 size / 18 line

Caption

Regular 11 size / 16 line

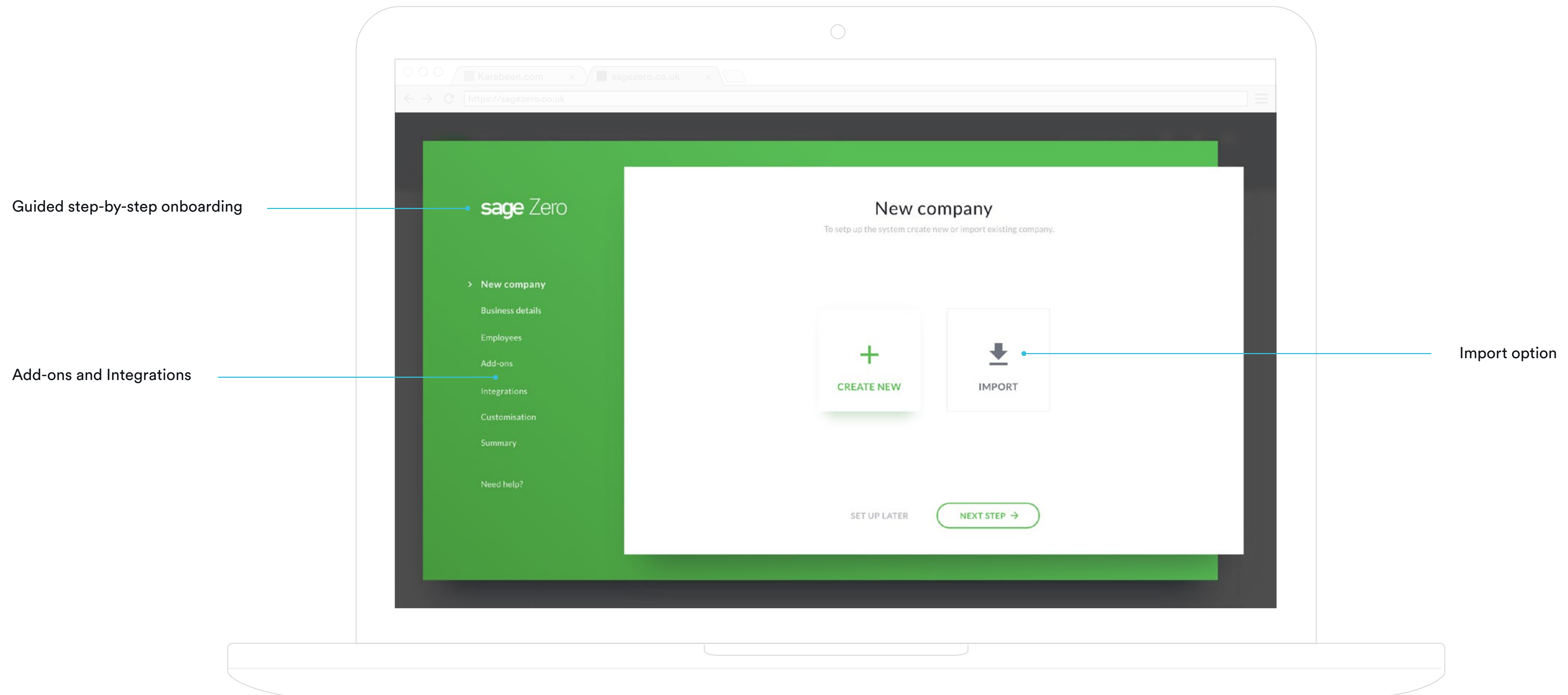
Button

BOLD (ALL CAPS) 13 SIZE / 18 LINE





# final design



# final design

Employee and working groups views

Reminders of required actions

Notifications

Colour coded shift statuses

Location filter

Built-in messages

Shift information

Employees suggested for a shift swap

Employee information

	2 Monday	3 Tuesday	4 Wednesday	5 Thursday	6 Friday	7 Saturday	8 Sunday
Alerts		5 shifts in progress				2 swap requests 1 dropped shift	
Employee 1			Cook • Kitchen 3:00pm - 10:00pm - Dig...			Cook • Kitchen 3:00pm - 10:00pm - Digital	Cook • Kitchen 3:00pm - 10:00pm - Digital
Employee 2	Bartender • General 3h 32min - Digital	Bartender • General 8:00pm - 11:30pm - Perdu					Bartender • General 8:00pm - 11:30pm - Perdu
Employee 3		Cook • Kitchen 12:00pm - 3:00pm - Digital	Cook • Kitchen 9:00am - 3:00pm - Digital		Cook • Kitchen 9:00am - 3:00pm - Digital	Cook • Kitchen 9:00am - 3:00pm - Digital	
Employee 4	Bartender • General 2h 59min - The Cut				Bartender • General 4:00pm - 10:00pm - The Cut		Bartender • General 4:00pm - 10:00pm - The Cut
Employee 5	Server • General 2h 59min - Tup Tup Palace	Server • General 2:00pm - 6:00pm - Digital		Server • General 1:00pm - 4:00pm - Tup Tup...		Server • General 1:00pm - 4:00pm - Tup Tup...	
Employee 6		Dishwasher • Kitchen 12:00pm - 6:00pm - TigerTiger	Dishwasher • Kitchen 1:00pm - 6:00pm - Tiger...		Dishwasher • Kitchen 1:00pm - 6:00pm - TigerTiger	Bartender • General 8:00pm - 11:30pm - TigerTL...	
Employee 7	Bartender • General 3h 35min - TigerTiger	Bartender • General 8:00pm - 11:30pm - TigerTL...	Bartender • General 8:00pm - 11:30pm - Tige...		Bartender • General 1:00pm - 6:00pm - Digital		
Employee 8	Bartender • General		Bartender • General	Bartender • General	Bartender • General	Bartender ...	Bartender • General

7 Jan Sat

Bartender  
General group

10:00am - 3:00pm  
5h - £50

Digital  
Bio Science Centre, Newcastle, NE21XH

Shift dropped

Loretta Cross  
Bartender

6h 23min this week  
62% contracted hours

93% karma  
1 late this month

Alice Gregory  
Bartender

6h 23min this week  
62% contracted hours

93% karma  
1 late this month

George Stephens  
Bartender

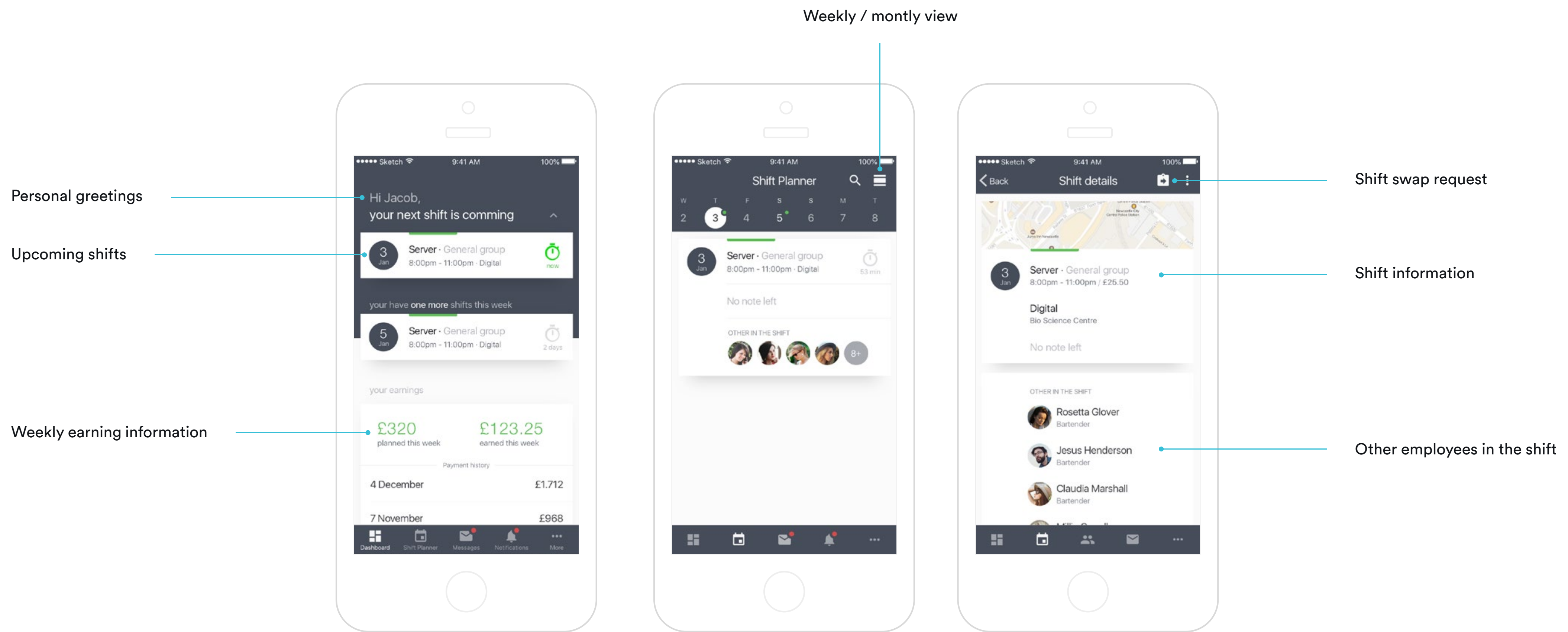
6h 23min this week  
62% contracted hours

93% karma  
1 late this month

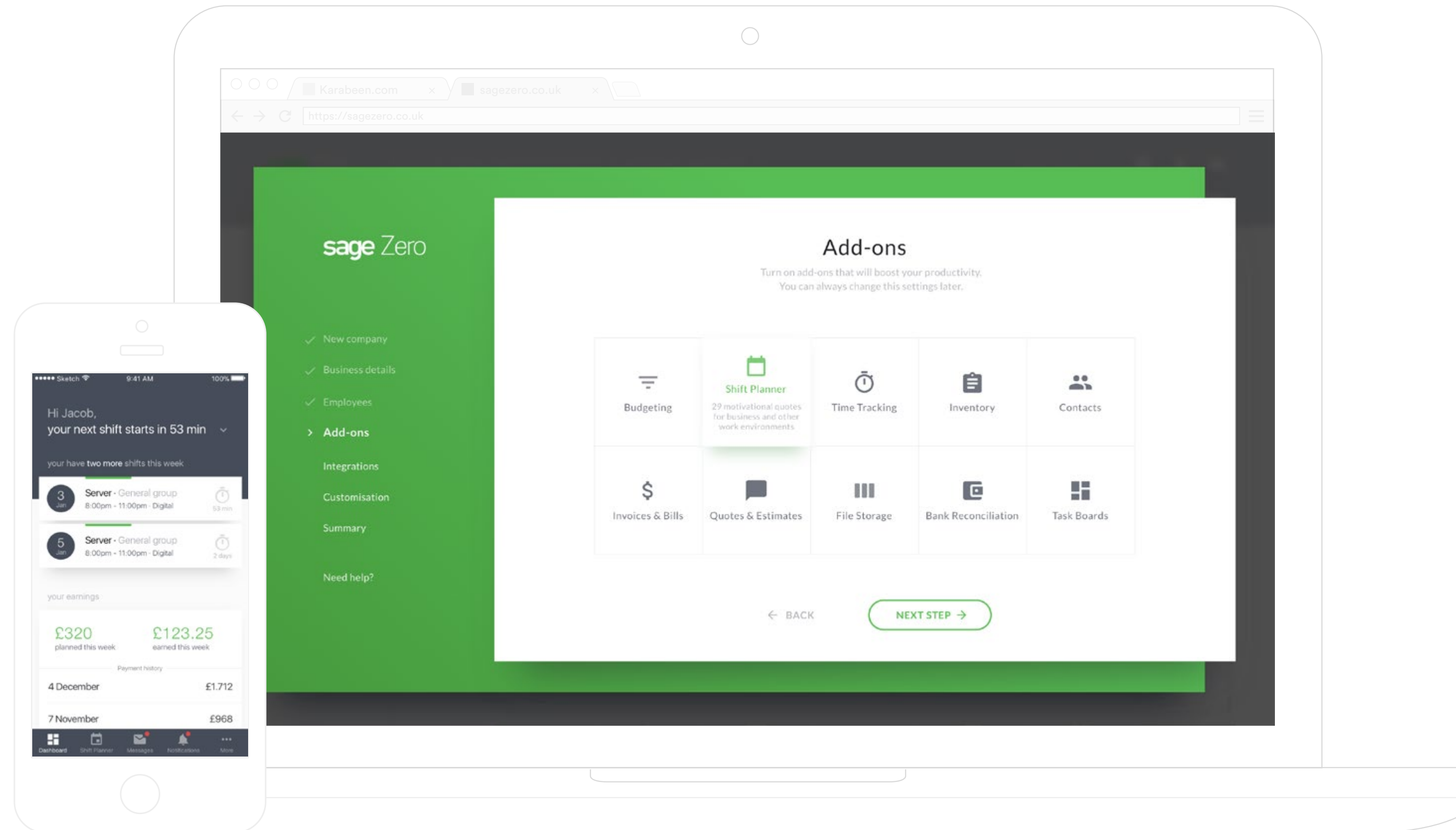
DECLINE SWAP

APPROVE SWAP

# final design



# prototype



[watch demo](#) / [review employee prototype](#) / [review employer prototype](#)



# thank you for your time

any questions? let me know

[www.polishchuk.design](http://www.polishchuk.design) / [svyat@polishchuk.design](mailto:svyat@polishchuk.design) / 07903 809381