Chiron

MHCI+D
human-computer interaction + design

intel

TEAM INTEL

WORKFORCE CHANGES

SHIFT AWAY FROM TRADITIONAL WORK

16%

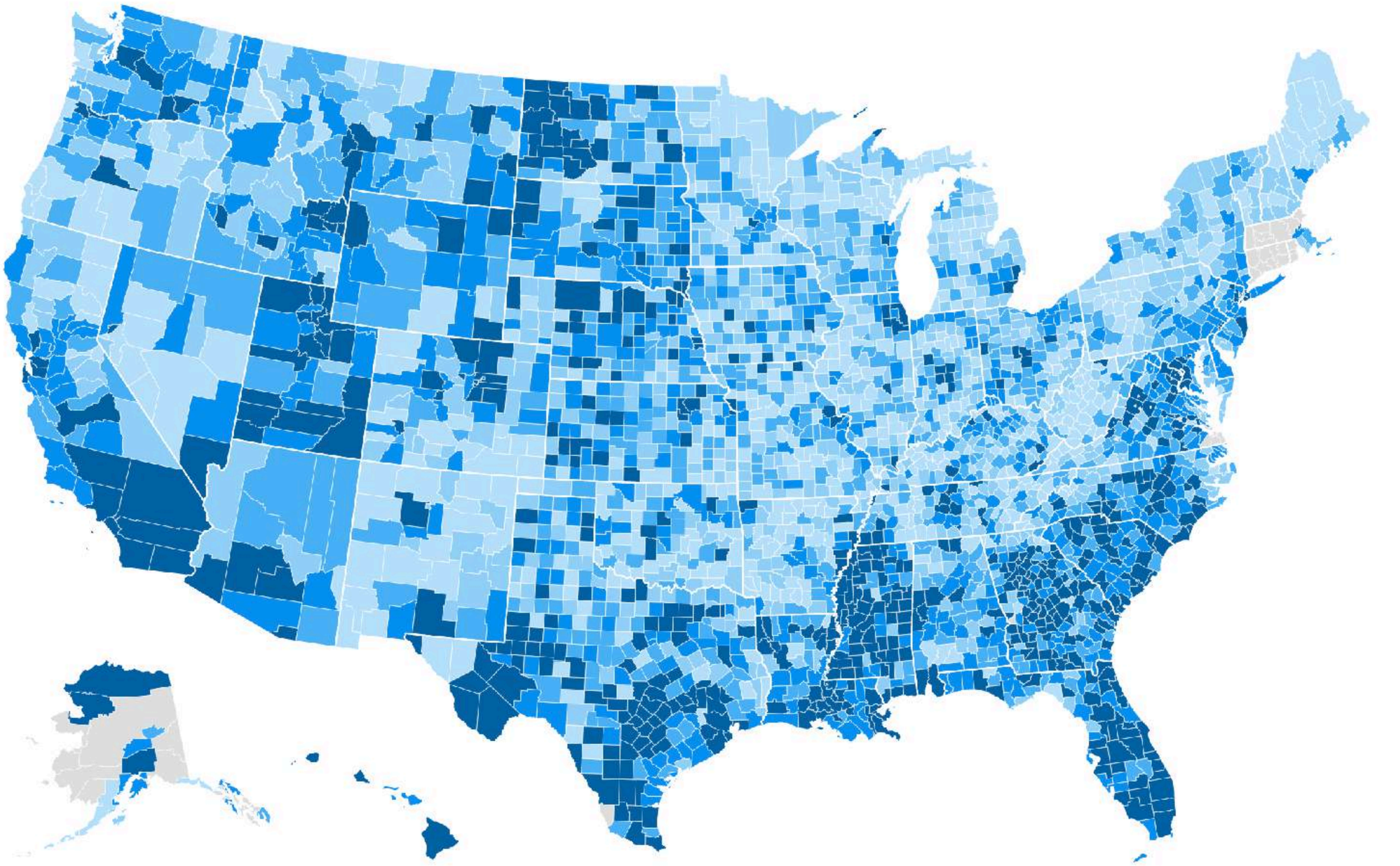
of the American workforce is self-employed full-time in 2019.

42M

Americans will be self-employed by 2020.

78%

of self-employed workers reported higher levels of satisfaction.



Rise of the Gig Economy report is U.S. Census Bureau Non-employer Statistics, 2005-2015.

613	613	613	613	612
-45.2%	-4.8%	1.8%	8.6%	18.9%	215.8%

SELF-EMPLOYED WORKERS

TRAITS OF OUR SELECTED AUDIENCE

Irregular patterns

Only have access to unstructured schedule, location, and information.

Multitasking

Be their own manager & split focus between multiple activities and projects.

Diverse tactics

Individuals have different tactics for improving personal productivity.

SELF-EMPLOYED WORKERS

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Only have access to unstructured schedule, location, and information.

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Diverse tactics

Individuals have different tactics for improving personal productivity.

MULTITASKING

THE ISSUES WITH MULTITASKING

25 min

Is the average time it takes to resume a task after derailing.

50%

more likely for errors to occur when multitasking.

40%

overall decrease in productivity for individuals when they multitask.

Build the environment

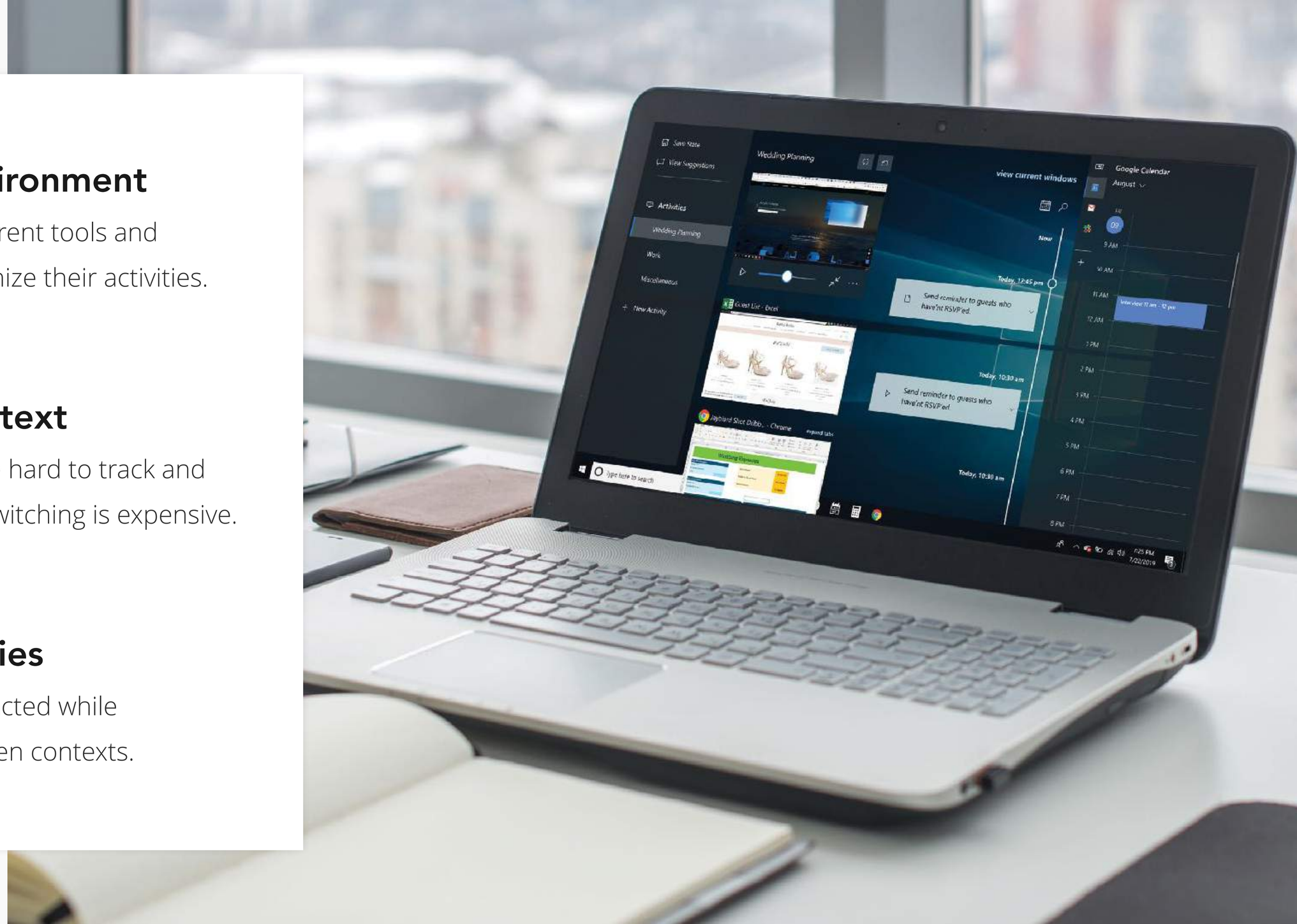
Everyone uses different tools and techniques to organize their activities.

Keep the context

Mental contexts are hard to track and replicate, context-switching is expensive.

Switch activities

It's easy to be distracted while transitioning between contexts.



DESIGN RESEARCH

INFORMING OUR INTUITION

UNDERSTANDING DISTRACTION

RESEARCH OBJECTIVE

Causes

What are the factors or activities that distract people during their work?

Activities

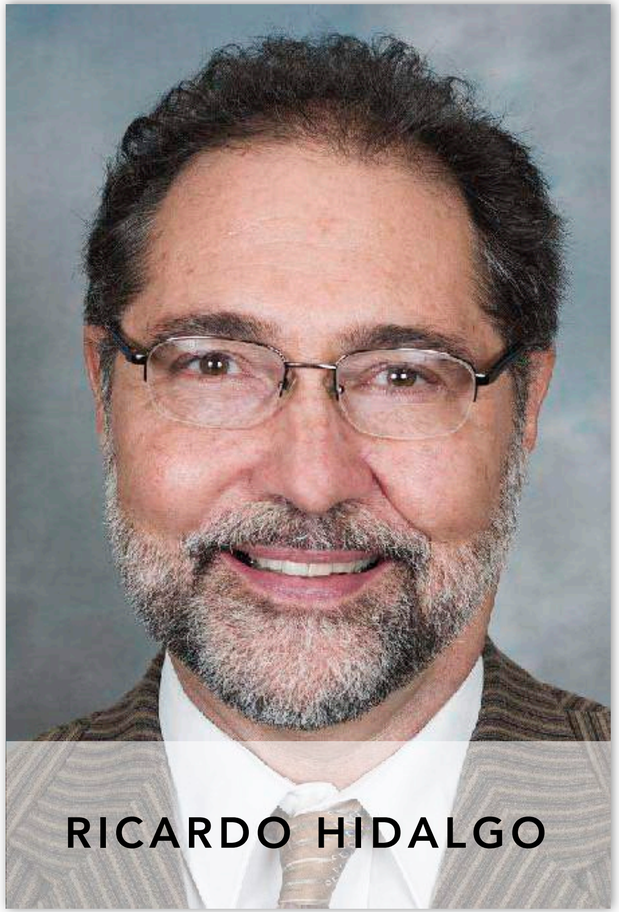
What are the activities that people do when they are distracted from their work?

Strategies

What are the strategies and methods that people use to stay in focus?

EXPERT PROFILE

SECONDARY RESEARCH



RICARDO HIDALGO

MARY CZERWINSKI

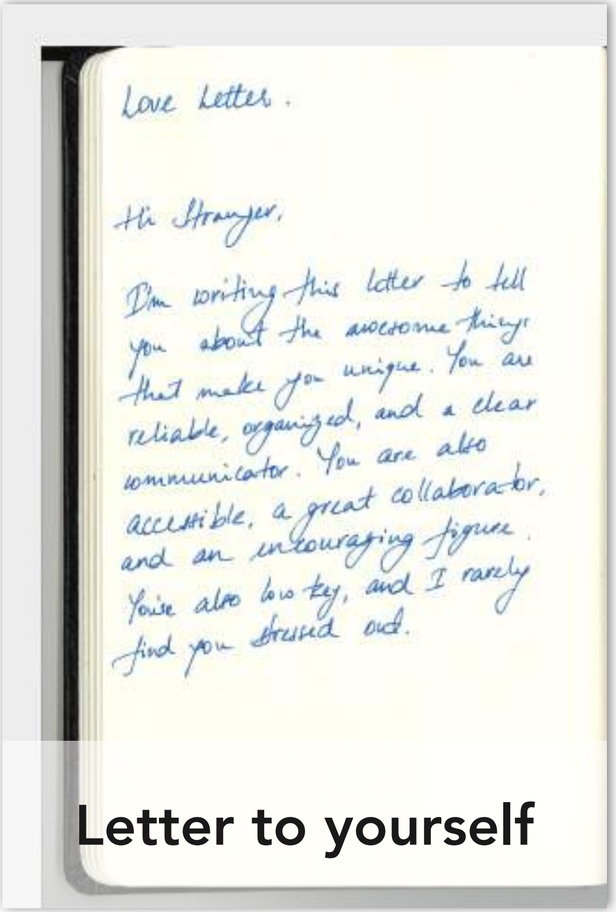
SHAMSI IQBAL

KATE THOMPSON

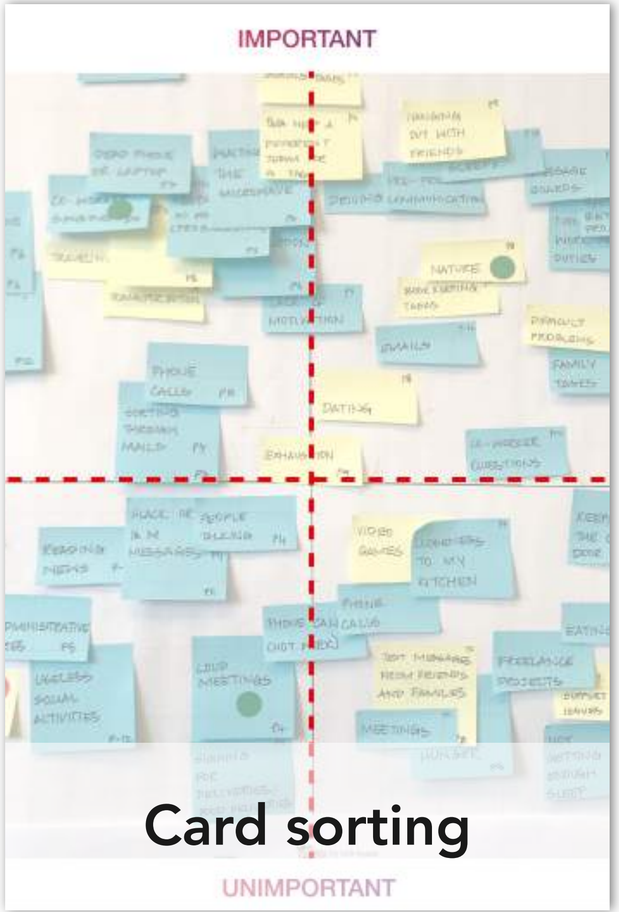
RESEARCH METHODS

PRIMARY RESEARCH

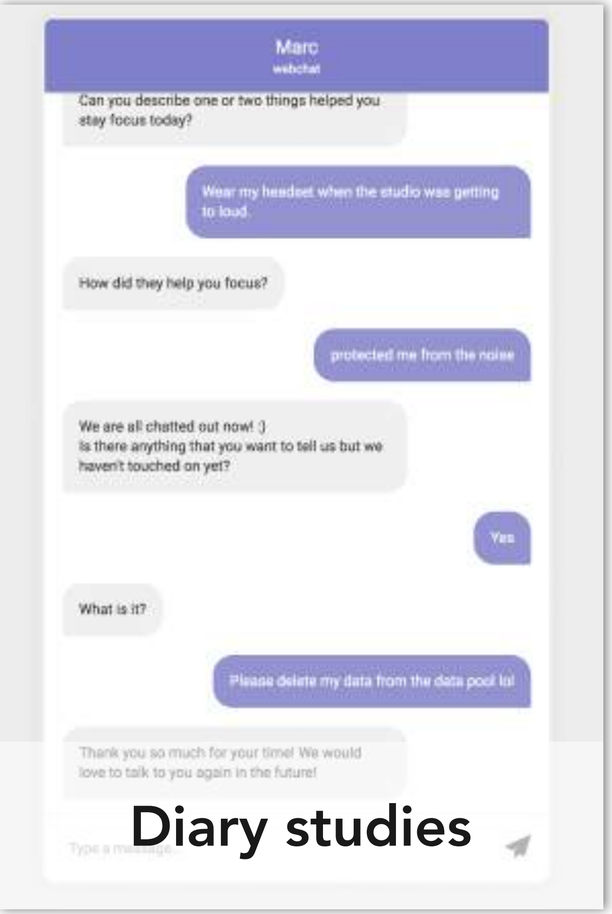
Participant interview



Letter to yourself



Card sorting



Diary studies

ERIN'S STORY

Self-employed

Owner of a child referral service.

Multiple responsibilities

“I need to balance my time between nannying, managerial work, and maintaining my website.”

Personalized tools

Has a familiar set of tools she uses on a frequent basis.

Personal computer user

Work is done on personal computers as opposed to on mobile.

WHAT WE LEARNED

RESEARCH INSIGHT 1

Blocking is costly

The opportunity cost of blocking distractions is high.

WHAT WE LEARNED

RESEARCH INSIGHT 2

Context switching

High degree of multitasking and context switching.

Blocking is costly

WHAT WE LEARNED

RESEARCH INSIGHT 3

Personalized productivity

Productivity is highly personal.

Blocking is costly Context switching

WHAT WE LEARNED

RESEARCH INSIGHT 4

Lack of tailored tools

Existing tools are not tailored to unpredictable work patterns.

Blocking is costly Context switching Personalized productivity

WHAT WE LEARNED

RESEARCH INSIGHT 4

Blocking is costly Context switching Personalized productivity Lack of tailored tools

DESIGN OPPORTUNITIES

AREAS OF INTEREST

Design for transition

Blocking is costly

Context switching

Design for personalization

Personalized productivity

Lack of tailored tools

DESIGN PHASE

DESIGN CONSTRAINTS

Windows 10 Feature

management with image uring.

Tasks

Gamifying work with time constraints.

25:00 +10:00 +5:00

Task management based on effort required.

Task categories: beginner, medium, advanced

morning

evening

Task management through emails.

Identify embedded tasks in emails

Micro intervention in Youtube ADs

"You were working on Accounts.xls. Would you like to get back?"

Yes

skip

MICRO INTERVENTION IN YOUTUBE ADS.

"You were working on Accounts.xls. Would you like to get back?"

skip

Yes

SYSTEM STARTUP MESSAGES

"Good Morning! You've got 3 messages"

TRANSITION INTO WORK

RANSITORY INTERACTIONS

"How're you feeling today?"

"What would you like to get done today?"

DETACHMENT INTERACTIONS

"~~We Did you~~

"Were you able to achive what you wanted?"

"What are you planning for dinner?"

Mini-email window.

Pops up when working on a document

Ticking clock desktop wall paper.

How long do you want to work?

A: 2 hrs.

01:35:29

Task reattachment interaction

"Welcome back! This is where you left off..."

Task reattachment ~~app~~ ads.

New email:

Ambient sound generator for transitions.

0hr. 1hr. 2hr. 3hr. 4hr.

NLP for task and time mgmt.

→ I need to fill out this form by 21st

How long do you think it might take?

→ About 2hrs.

Ok, I'll make sure you get it done.

Automatic day planner.

- What do you want to do today?

X, Y, Z, ... —

- Ok, here's your day

WORST TASK COMPLETION.

morning

evening

LEAST FAVOURITE TASKS

LESS FAVORABLE TASKS

FAVOURITE TASKS

DON'T BREAK THE CHAIN!

MOTIVATION THROUGH TEMPTATION OF NOT BREAKING THE CHAIN

POMODORO PLANNER.

Q: What would you like to do today?

A: Task 1 Task 2 Task 3 .....

Ok, here's your schedule.

Task 1 Task 1 Task 2 Task 2 Task 3 Task 3

GRATIFYING DAY PLANNER

COMPLETE WORK BY THIS TIME

INDULGE IN EXTRA CURRICULUM ACTIVITIES

BREAK MANAGER.

DESIGNING THE NEGATIVE AREAS

SPRING BACK TO WORK.

Task suggestions

BREAK TIME

JOYFULL SOCIAL MEDIA FEEDS

DESIRED PEOPLE : BEST FRIENDS FAMILY KIDS.

5 min break :

KIDS

FAMILY

BEST FRIENDS

Facebook -or- Instagram feed.

EMAIL BATCHING BASED ON PRIORITIES

BATCH FOR LATER

SOCIAL PROMO FORUMS

NOTIFY NOW.

PRIORITY ACTIONABLE

COMMUTE PRIMING

Q. "What would you like to do today?"

A. "Work on the Ninja project"

Q: "Ok, I'll open those files and relavent emails when you get to work"

PRIMING AND DETACHMENT THROUG ~~RE~~ RELAVENT MEDIA FEED.

LEGAL NEWS

MOTIVATION

WORK

LAWYER

ROLE MODEL MOTIVATION

MOTIVATION

INSPIRATIONAL FIGURE BASED ON LIFE GOAL

EFFICIENT NOTIFICATION POPUP

Platform company logo

click

sender image

view/ignore

SPRINGING BACK TO WORK

After 2min

click

Logo of last used program

Screenshot

Back to work.

CHORE NOTIFICATION

Closing windows

Driving navigation

"You need some milk. Would you like me to reroute you to ~~GAS~~ Safeway?"

Voice recording for memos robot

Dream recorder:

Plan 4 Me:

Catapult chair:

Break time:

Work:

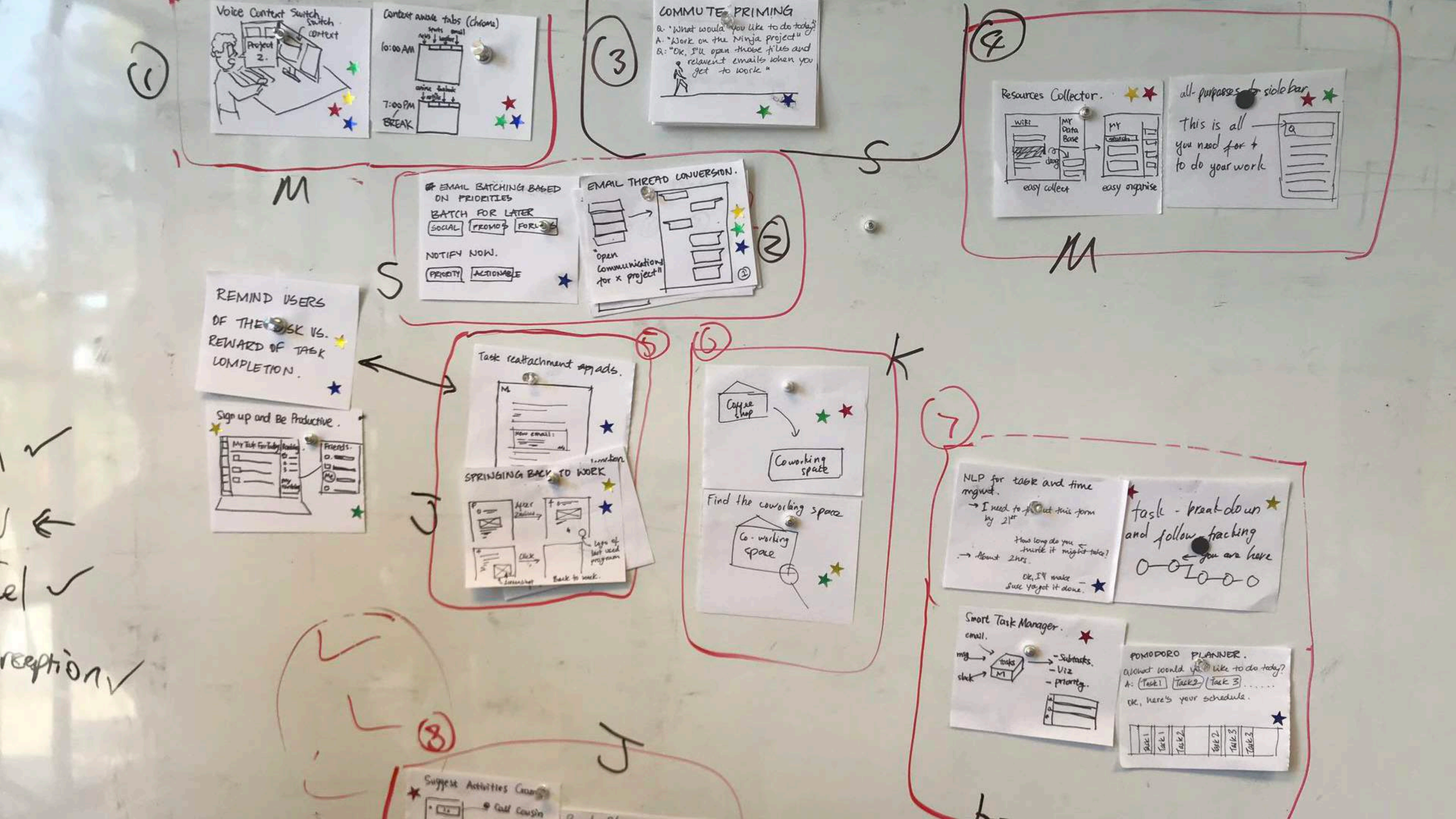
Screentime squirrel:

Extension for highlighting progress:

Reactive music:

Drill sergeant

Back to


1
Voice Context Switch
Switch context
Project 2.
Context aware tabs (chrome)
10:00 AM
7:00 PM
BREAK
M
3
COMMUTE PRIMING
Q: "What would you like to do today?"
A: "Work on the Ninja project"
Q: "Ok, I'll open those files and relevent emails when you get to work"
S
4
Resources Collector.
wiki
MY Data Base
drag
easy collect
easy organise
all-purposes sidebar
This is all you need for to do your work
M
EMAIL BATCHING BASED ON PRIORITIES
BATCH FOR LATER
SOCIAL
PROMOS
FORUMS
NOTIFY NOW.
PRIORITY
ACTIONABLE
S
EMAIL THREAD CONVERSION.
"open communications for x project"
2
REMIND USERS OF THE RISK VS. REWARD OF TASK COMPLETION.
Sign up and Be Productive.
My Task for Today
Friends
5
Task reattachment apps ads.
New email:
SPRINGING BACK TO WORK
After Zoning
Click
Back to work.
J
6
Coffee shop
Coworking space
Find the coworking space
Co-working space
K
7
NLP for task and time mgmt.
→ I need to finish this form by 21st
How long do you think it might take?
→ About 2hrs.
Ok, I'll make sure you get it done.
task - break-down and follow-tracking
you are here
Smart Task Manager.
email.
msg
slack
tasks
M
- Subtasks.
- Viz
- priority.
POMODORO PLANNER.
Q: What would you like to do today?
A: Task 1 Task 2 Task 3 .....
Ok, here's your schedule.
Task 1
Task 1
Task 2
Task 2
Task 3
Task 3
8
J
Suggest Activities Group
Call cousin

II

Virtual Desktop

What's been kept in context?

Project 1

10:30

Project 1 for tuck for a week!

Take a break!

10min later...

I need to start another project

Voice control

Break

Project 2

Switch

Project 2

Triggers for voice interaction

Mental preparation (effectiveness of keep context)

How to tag activities

- rote task?
- transition to another proj.

- tab history timeline

10:00 AM

7:00 PM BREAK

Project 2

ARE WE TAKING AWAY A TRANSITIONAL PERIOD NECESSARY FOR GETTING INTO THE FLOW

Context Switch?

* Keep the relevant Content ✓

- Version control (autosave) at system level

Operation System

Resources Collector

WIN

MY Data Base

easy collect

easy inquire

all-purpose for side bar

This is all you need for + to do your work

Searching for stored info/resources without losing context or being distracted

resource gathering

tool bar

drag

multi-select

save

2 Days later

Get stuck

Search key words.

All supports

So helpful!

LOOKS LIKE I SPENT A LONG TIME ON REDDIT AND MESSENGER THIS WEEK...

OOOH...GET MORE DONE. I LIKE THE SOUND OF THAT! INSTALL!

SPONSORED ADVERTISEMENT

SPRINGR

GET MOR DONE!

INSTALL

DISMISS

I DON'T EVEN KNOW WHAT THAT MEANS, BUT HELL YEAH LET'S DO IT!

READY TO SPRING. SPRINGR!!!!!

LATER THAT DAY...

MY FIGMA PROJECT

TIME FOR A BREAK.

5 MINS LATER...

REDDIT: THE FRONT PAGE O...

30 MINS LATER...

HUH SO I'M GETTING POSTS B MY REDDIT FEED NOW ABOUT MY FIGMA PROJECT.

REDDIT: THE FRONT PAGE O...

2 HRS LATER...

WOW MORE OF THESE POSTS SHOW UP THE MORE TIME I SPEND BROWSING REDDIT.

REDDIT: THE FRONT PAGE O...

1 WEEK LATER...

I WAS ABLE TO SPEND LESS TIME ON DISTRACTING WEBSITES OVERALL. YAY!

Implementation challenges
- breakdown of tasks
- not overlay (distraction)
- chrome extension

Reminder to return to the app, not broken down to tasks

Rote/micro-tasks are okay in the feed (from research)

Existing trackers aren't useful or accurate

Click

Logo of last used program

Screenshot

Back to work.

New email!

Productivity magnet.

UKE

Change visual feedback to auditory?

Suggestions for healthy breaks.

Determine the activity before the break to build incentive

Suggest Activities Game.

Call Cousin

walk to Co-worker Desk

Reward Yourself

put them in the box

Then pick & use.

walk my dog.

GOOD MORNING, SIR!

WALKING UP IN THE MORNING

BE MY GOD! JEEVES, MAKE A NOTE OF THIS GREAT IDEA!

SURE THING, SIR. I'LL PUT IT UNDER SHOWER NOTES.

TAKING THE SHOWER

WOULD YOU FIND ME MY BRAINS?

SURE

EATING BREAKFAST

WHAT WOULD YOU LIKE TO WORK ON TODAY?

HMM... LET ME SEE.

DO I HAVE ANY PENDING WORK UP?

DURING COMMUTE

SEEMS LIKE YOU NEED TO WORK ON THE NINJA PROJECT

OK. KEEP MY FILES READY FOR THAT PROJECT WHEN I GET IN WORK

SURE THING, SIR...

YES.

OH, AND ONE MORE THING.

SET ASIDE SOME TIME FOR ME TO LOOK FOR VACATION SPOTS.

SURE, I'LL SET ASIDE 45 MINUTES IN YOUR CALENDAR FOR CHECKING VACATION SPOTS

THANKS. NOW PLAY ME SOME MUSIC.

♫ ♪...

EMAIL LENGTH

ON THE WAY

ALL RESOURCES RELEVANT TO THE NINJA PROJECT ARE OPENED AND READY FOR THE USER TO START WORKING ON

Social stigma

↳ talking to nothing

"What would you like to get done today?"

COMMUTE PRIMING

Q: "What would you like to do today"

A: "Work on the Ninja project"

Q: "Ok, I'll open those files and relevant emails when you get to work."

Remote control Voice

Self-employed

Owner of a child referral service.

Balance

“I need to balance my time between nannying, managerial work, and maintaining my website.”

Personalized tools

Has a familiar set of tools she uses on a frequent basis.

Personal computer user

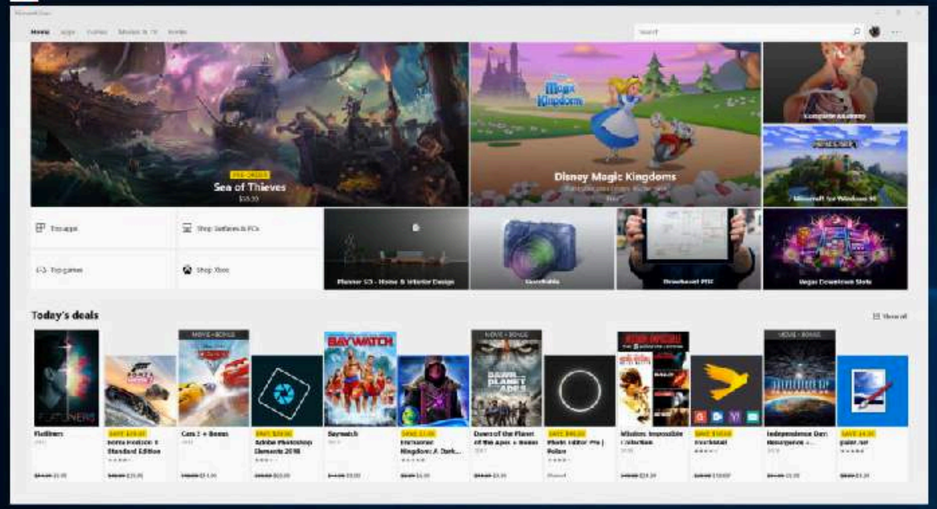
Work is done on personal computers as opposed to on mobile.

Project 1
wiki
10:30
Project 1 is almost done for today. Time for a break!
Project 1
Take a break!
Voice control
Break
10min later...
I need to start another project
Project 2 !
Voice control
Switch
Project 2
last time you were here...
Google

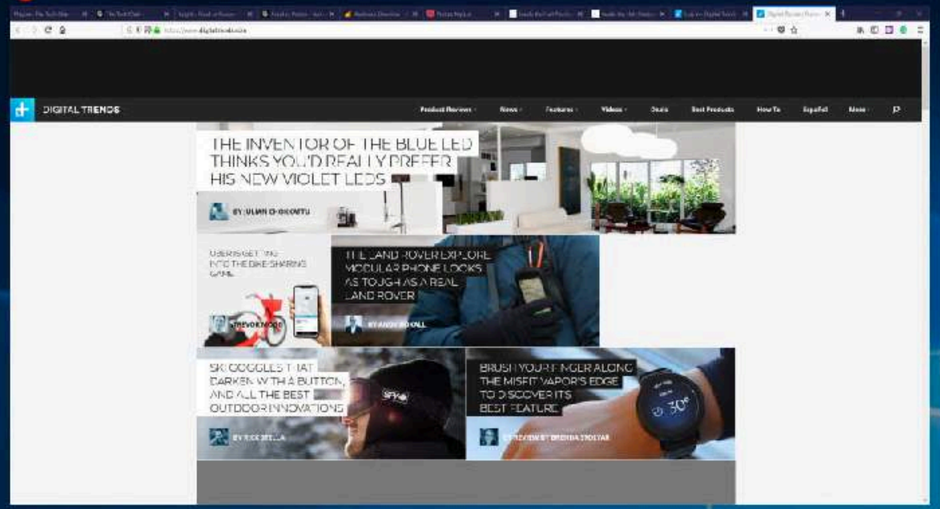
New desktop

Now

Microsoft Store



Digital Trends | Technology News and Product Reviews - Mozilla Firefox



Earlier Today

Snagit 2018 Editor
Windows 10 Timeline Item Controls.jpg

Snagit 2018 Editor
Windows 10 Timeline Task Options.jpg

Snagit 2018 Editor
Windows 10 Timeline Remote Machine.jpg

office.com - Microsoft Edge — Surface Book 2
My Account

msn.com - Microsoft Edge — Surface Book 2
Why Men With This Blood Type Are More Likely to Have a Heart Attack

Yesterday

See all 25 activities

digitaltrends.com - Microsoft Edge — Surface Book 2
Digital Trends | Technology News and Product Reviews

msn.com - Microsoft Edge — Surface Book 2
FactChecking Trump's State of the Union

office.com - Microsoft Edge — Surface Book 2
My Account

Photos
Windows 10 Timeline 1.png

office.com - Microsoft Edge — Surface Book 2
Office mobile apps for Windows, Word, Excel, PowerPoint

January 2

Windows 10 Home Insider Preview
Evaluation copy. Build 17083.rs_prerelease.180119-1645

Type here to search

7:33 AM
2/1/2018

DESIGN OBJECTIVE

OBJECTIVE STATEMENT AND PILLARS

Context building

Generation and customization

Context keeping

Retain more information during detachment.

Context switching

Speeding up transition and reattachment.

DESIGN OBJECTIVE

OBJECTIVE STATEMENT AND PILLARS

Project context management for self-employed information workers.

STRATEGY VS TACTICS

STRATEGY

INTE

EMAIL

- COMMUNICATION AND RESOURCE CATALOGUING – tagging
- Email tagging & batching?
- Removing footers from emails?
- Mini-email popup window overlay
- Collect relevant emails/comm
- In-context task creation: Email → T → Trello / JIRA / Calendar
- Email sorting & labeling

TRACKING

- "Work energy" meter
- Flow state Visualization
- Countdown desktop wallpaper
- Task progress tracking

Social

- Connection
- Leaderboard for encouraging positive behavior

On-the-go
→ freelancers/prof (self-employed)
Voice assistant/conversational
→ project-driven OS

Search

- Context-aware search box
- Smart "Spotlight"
- Searching for stored info/resources without losing context or being distracted
- Google pagerank for OS

Operation System

- -Version control (autosave) at a system level
- Project centric OS
- A virtual window like system
- AUTOMATIC MULTI WINDOW COMPOSITION FOR APPLICATIONS

Summary

- Task Status Report
- Project Overview Summary
- Work summary visualization
- Visualization of task completion status

Project container

- Project Container
- Detect relevant files to the project
- Resource editor/collector for tasks
- All purpose side bar

Web browser

- Context-aware tabs
- -tab history timeline

Task management

- Task management with image capturing
- drag and automatically organize
- Themes for different tasks

TASK BREAKDOWN

- Task decomposition
- Auto mated task planning
- Automated task break down

BREAK

- Break planning
- Stretch reminder

NOTIF

- Notification blocker

Reattachment

- Rate Task planner (for overall prog.)
- Priming through voice on the car
- Reminder to return to the app, not broken down to tasks
- SPRINGING BACK TO WORK WITH INDICATION OF SUSPENDED ACTIVITIES
- Suggest related (rate tasks to transition b/w projects

Models

VIDEO PROTOTYPE

CONCEPT VALIDATION

PROTOTYPE FEEDBACK

VIDEO PROTOTYPE

> *I like how it only opens what you need. Because when you switch between [projects] you can't really close all windows. It feels a bit like decision paralysis.*

— Adam, freelance software developer

PROTOTYPE FEEDBACK

VIDEO PROTOTYPE

Rework “summary”

Discuss collaboration

Further personalization

PROTOTYPE FEEDBACK

VIDEO PROTOTYPE

Rework “summary”

Discuss collaboration

Further personalization

PROTOTYPE FEEDBACK

VIDEO PROTOTYPE

Rework “summary”

Discuss collaboration

Further personalization

chrome web store

Sign in

Search the store

Extensions

Themes

Categories

All

Features

- Runs Offline
- By Google
- Free
- Available for Android
- Works with Google Drive

Ratings

- ★★★★★
- ★★★★☆ & up
- ★★★☆☆ & up
- ★★☆☆☆ & up

Privacy Policy

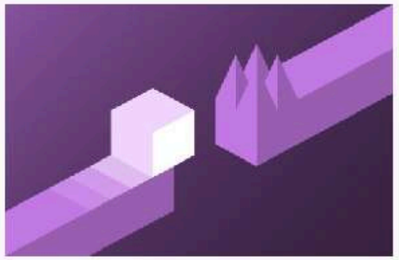
Editor's Picks

View all

Chrome favorites in extensions

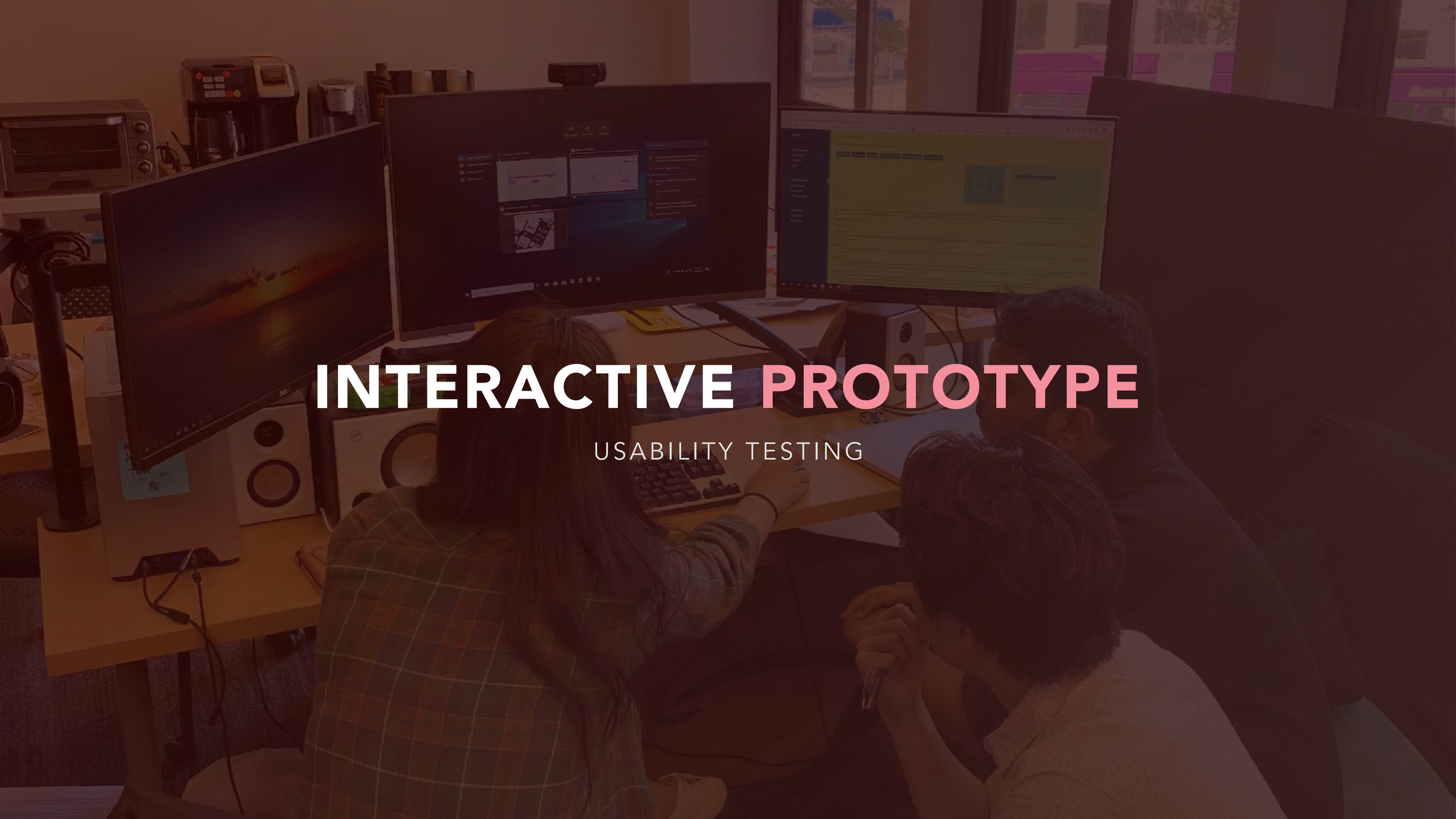
Custom Cursor for Chrome™
★★★★★ 5,142

Honey
★★★★★ 135,997



Boxel Rebound
★★★★½ 759

Google Translate
★★★★½ 42,324



INTERACTIVE PROTOTYPE

USABILITY TESTING

Search

Projects

Jigsaw Design Work

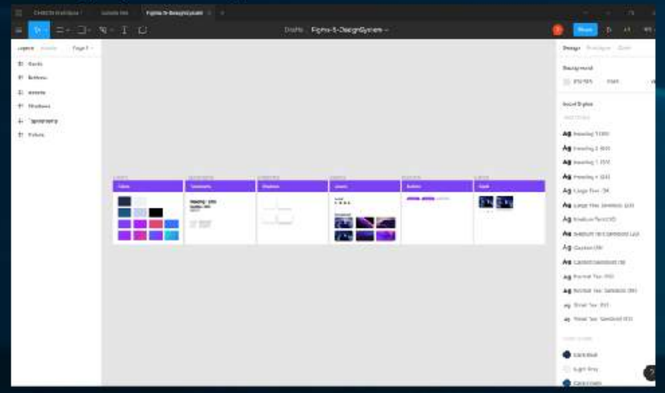
Jigsaw Management

Miscellaneous

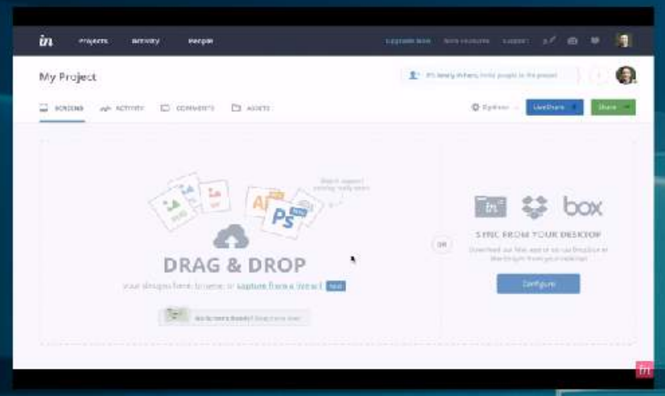
+ Add New Project

Open Chiron | Save State | Customize

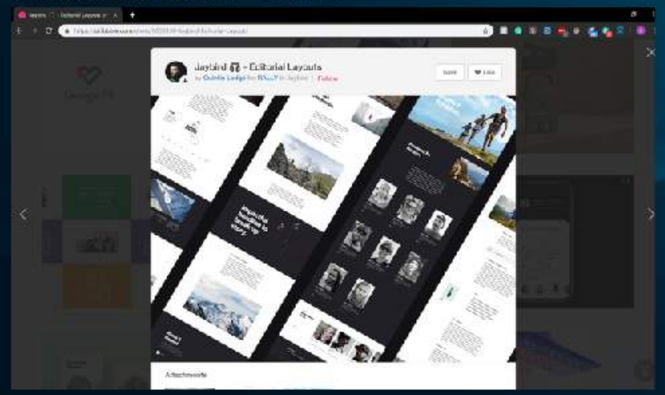
5-DesignSystems - Figma



Invision - Chrome



Jaybiard Shot Dribble - Chrome



Add a memo

Add the additional hours spent in the invoice

5:25 PM July 21, 2019

Add 3 slides for the management...

5:25 PM July 21, 2019

Clarify the confusion about new results with Thomas...

5:25 PM July 21, 2019

BS Betty Sherman

Type here to search

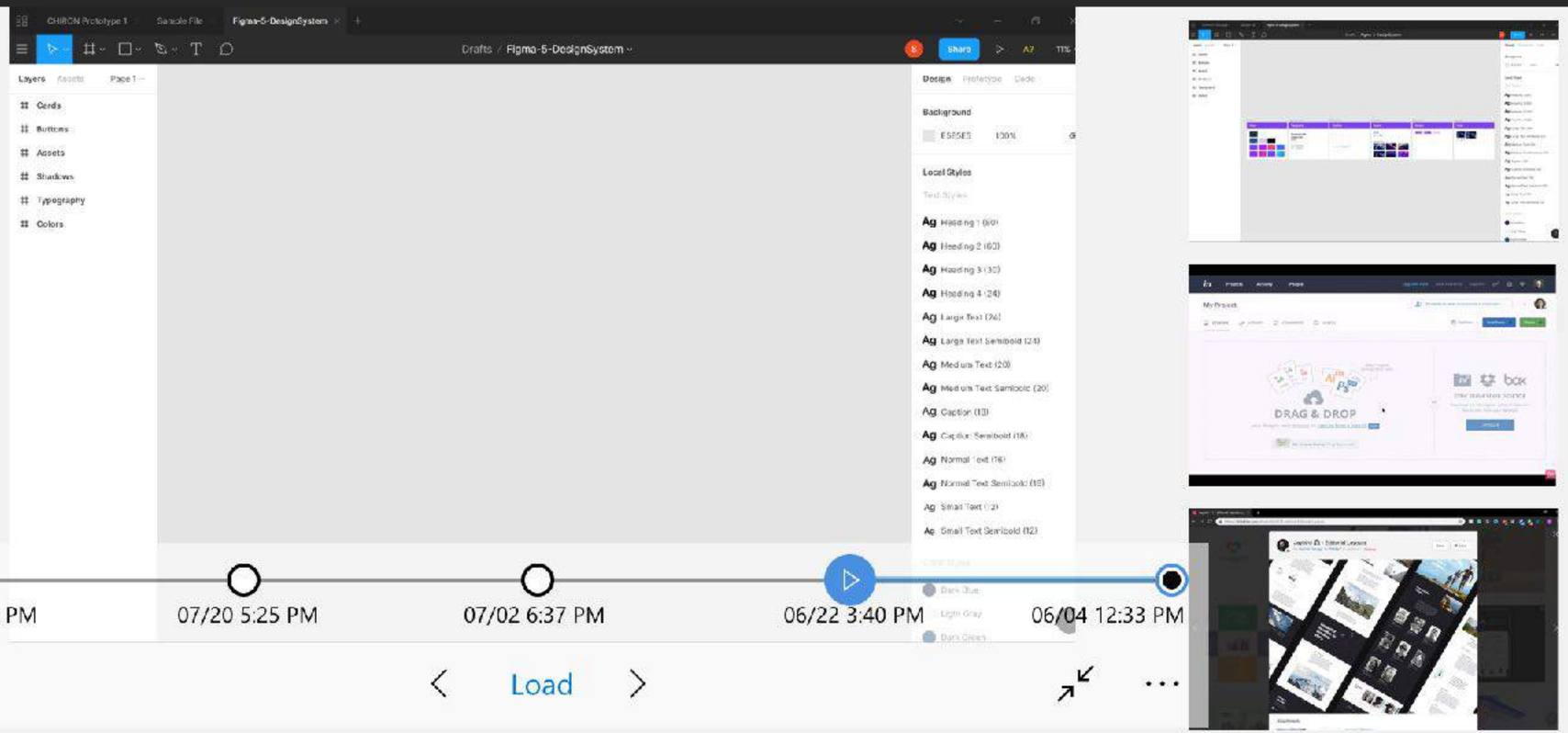
7:25 PM
7/22/2019

Chiron

Hint text

Projects

- Jigsaw Design Work
- Jigsaw Management
- Miscellaneous



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+ Add New Project

Settings

BS Betty Sherman

Search

Projects

Jigsaw Design Work

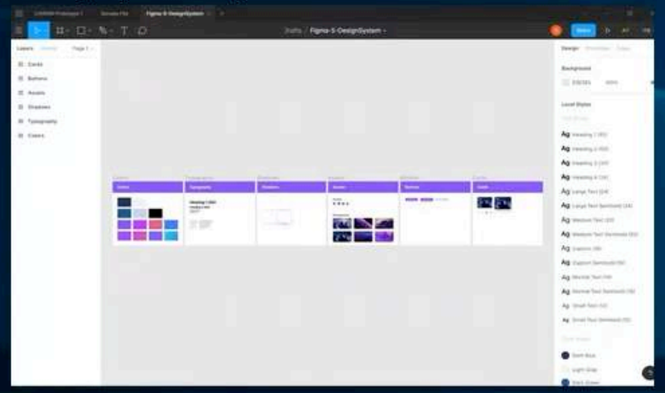
Jigsaw Management

Miscellaneous

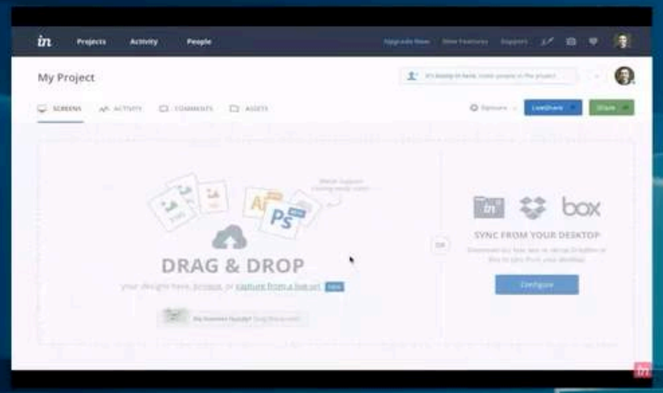
+ Add New Project

Open Chiron | Save State | Customize

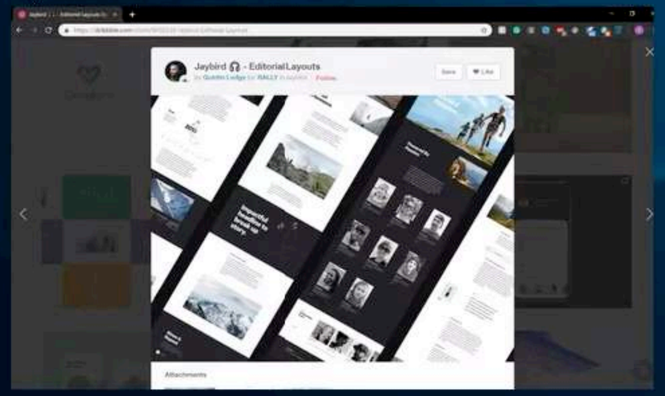
5-DesignSystems - Figma



Invision - Chrome



Jaybiard Shot Dribble - Chrome



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Clarify the confusion about new results with Thomas...

5:25 PM July 21, 2019

BS Betty Sherman

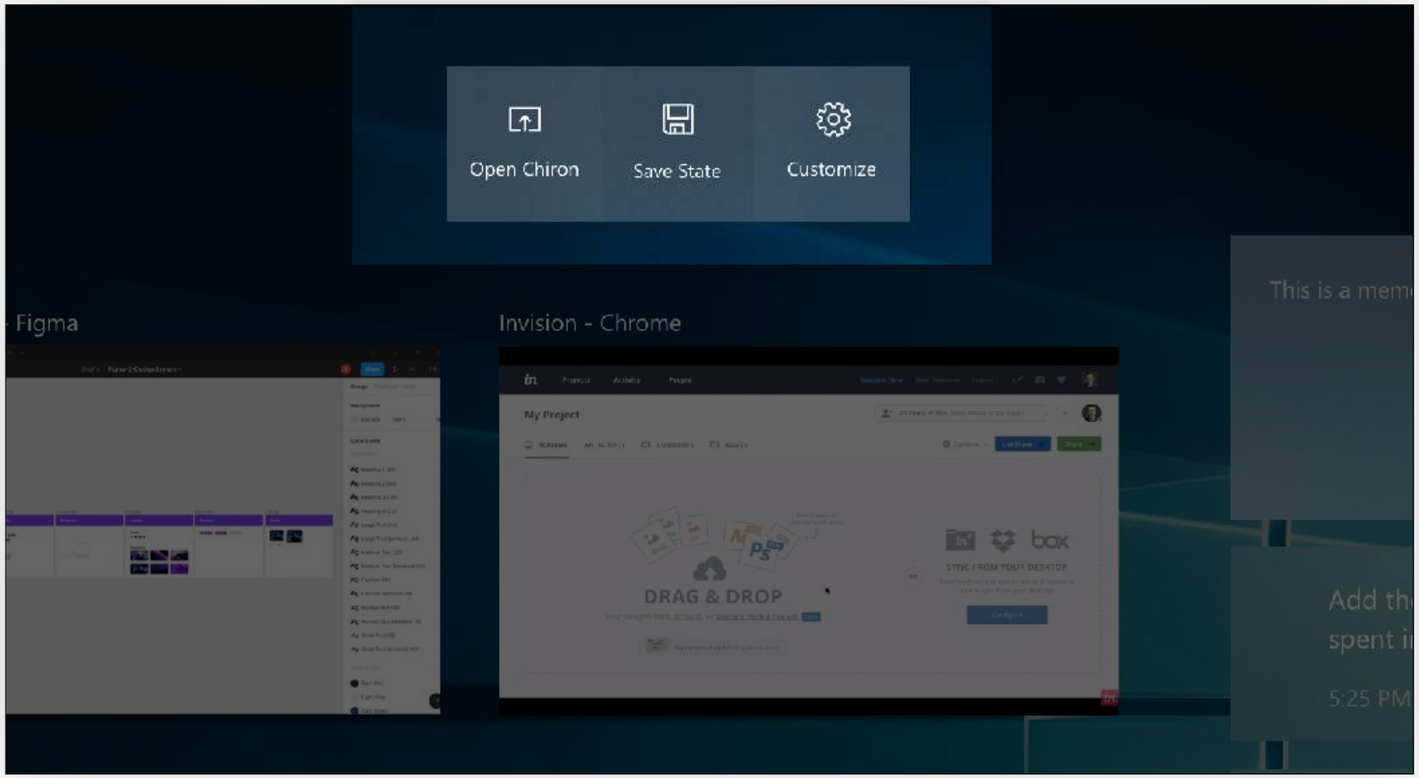
switch between projects

Type here to search

7:25 PM
7/22/2019

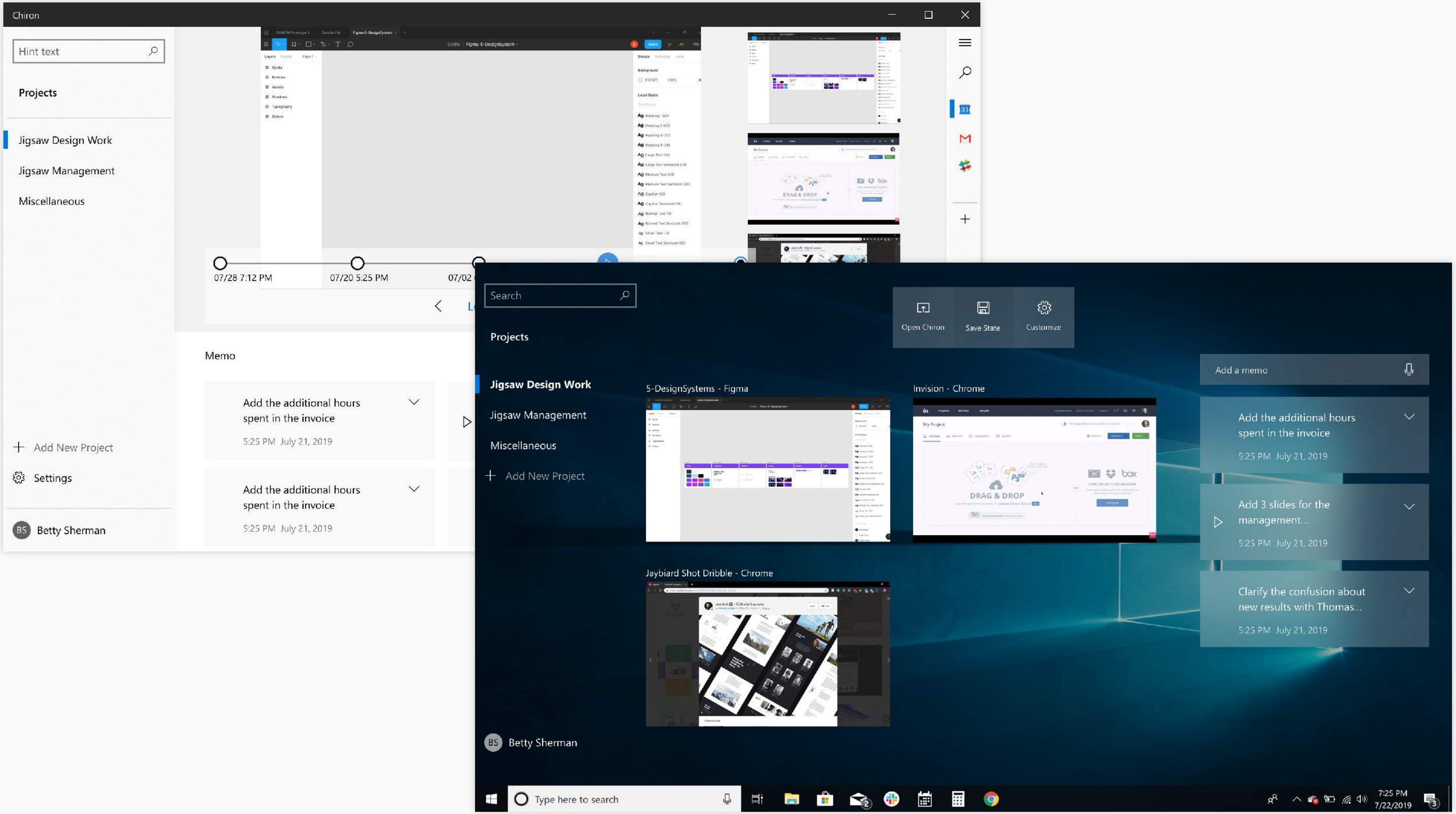
PROTOTYPE FEEDBACK

SWITCH | LOAD A PREVIOUS VERSION



> *What is 'Open Chiron'?*
> *I thought I'm already in Chiron?*

— Whitney, NASA intern


Chiron
Hint text
Projects
Jigsaw Design Work
Jigsaw Management
Miscellaneous
07/28 7:12 PM
07/20 5:25 PM
Memo
Add the additional hours spent in the invoice
5:25 PM July 21, 2019
Add the additional hours spent in the invoice
5:25 PM July 21, 2019
Add New Project
Settings
Betty Sherman
Search
Projects
Jigsaw Design Work
Jigsaw Management
Miscellaneous
Add New Project
Open Chiron
Save State
Customize
5-DesignSystems - Figma
Invision - Chrome
Jaybiard Shot Dribble - Chrome
Add a memo
Add the additional hours spent in the invoice
5:25 PM July 21, 2019
Add 3 slides for the management...
5:25 PM July 21, 2019
Clarify the confusion about new results with Thomas...
5:25 PM July 21, 2019
Betty Sherman
Type here to search
7:25 PM
7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

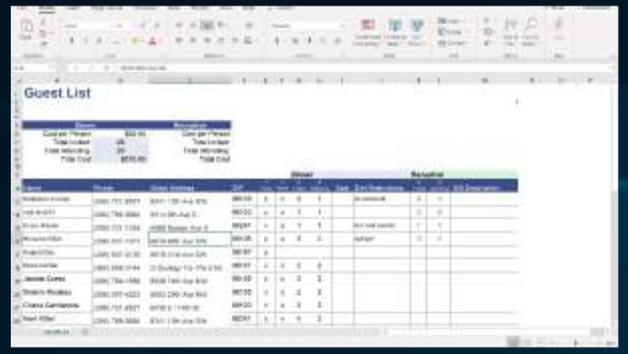
Miscellaneous

+ New Activity

Wedding Planning

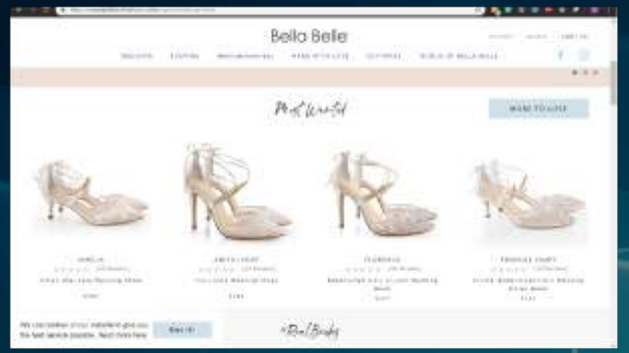
view activity archive

Guest List - Excel

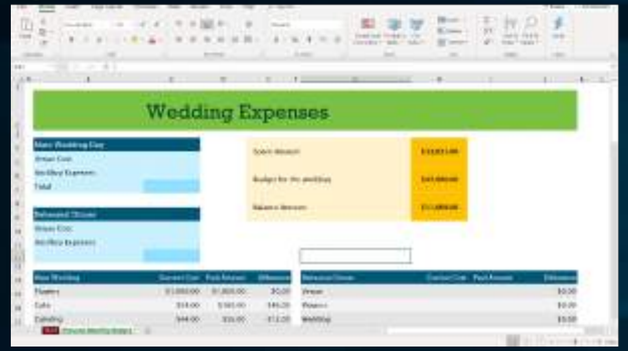


Bella Belle Shoes - Chrome

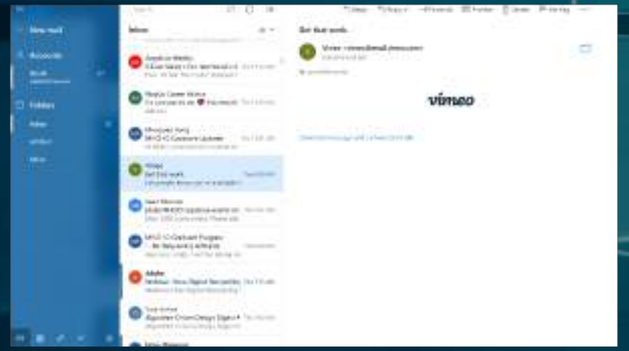
expand tabs



Expense List - Excel



Re: Catering Requests - Outlook



Type or ask Chiron to add a memo

Last memo Today, 12:45

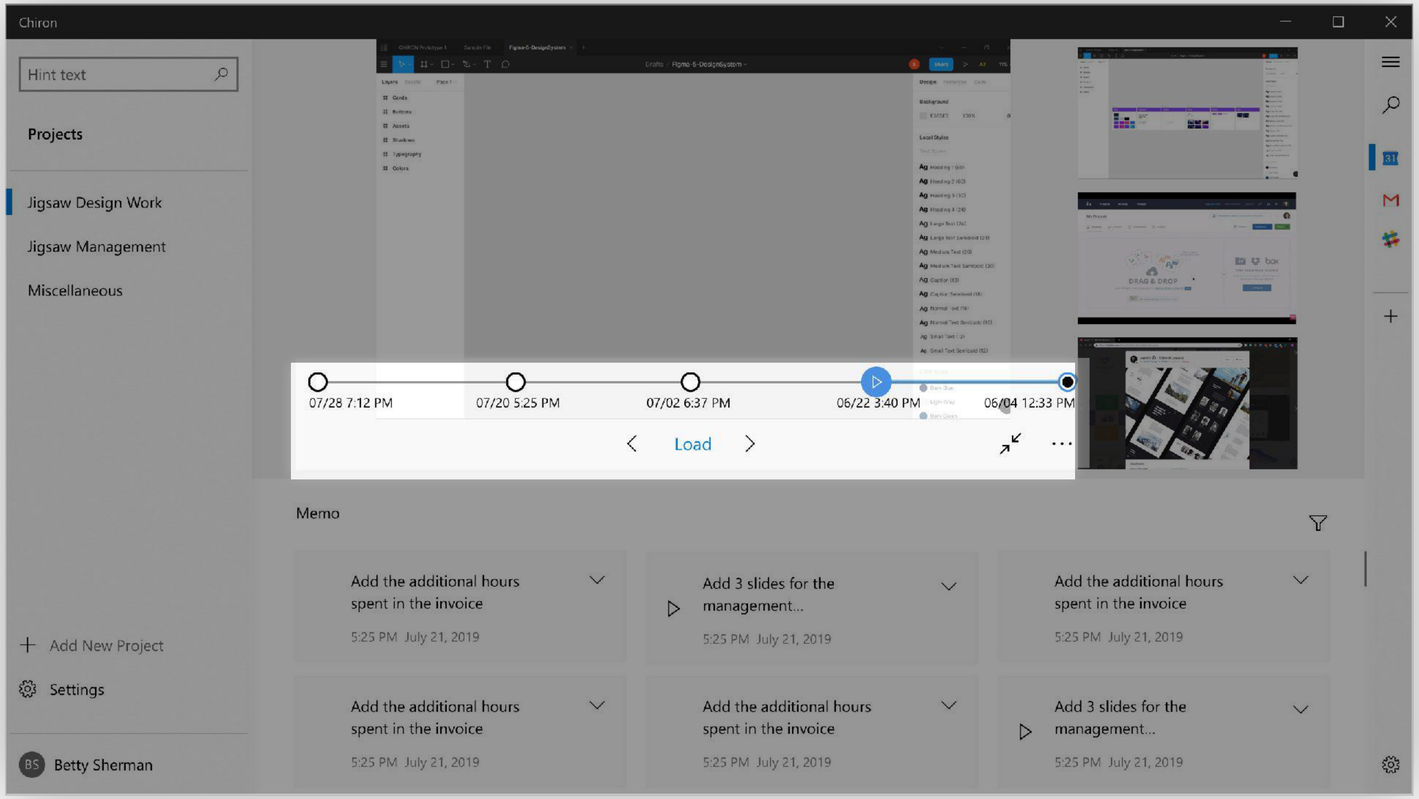
Send reminder to guests who have'nt RSVP'ed.

Type here to search

7:25 PM
7/22/2019

PROTOTYPE FEEDBACK

SWITCH | LOAD A PREVIOUS VERSION

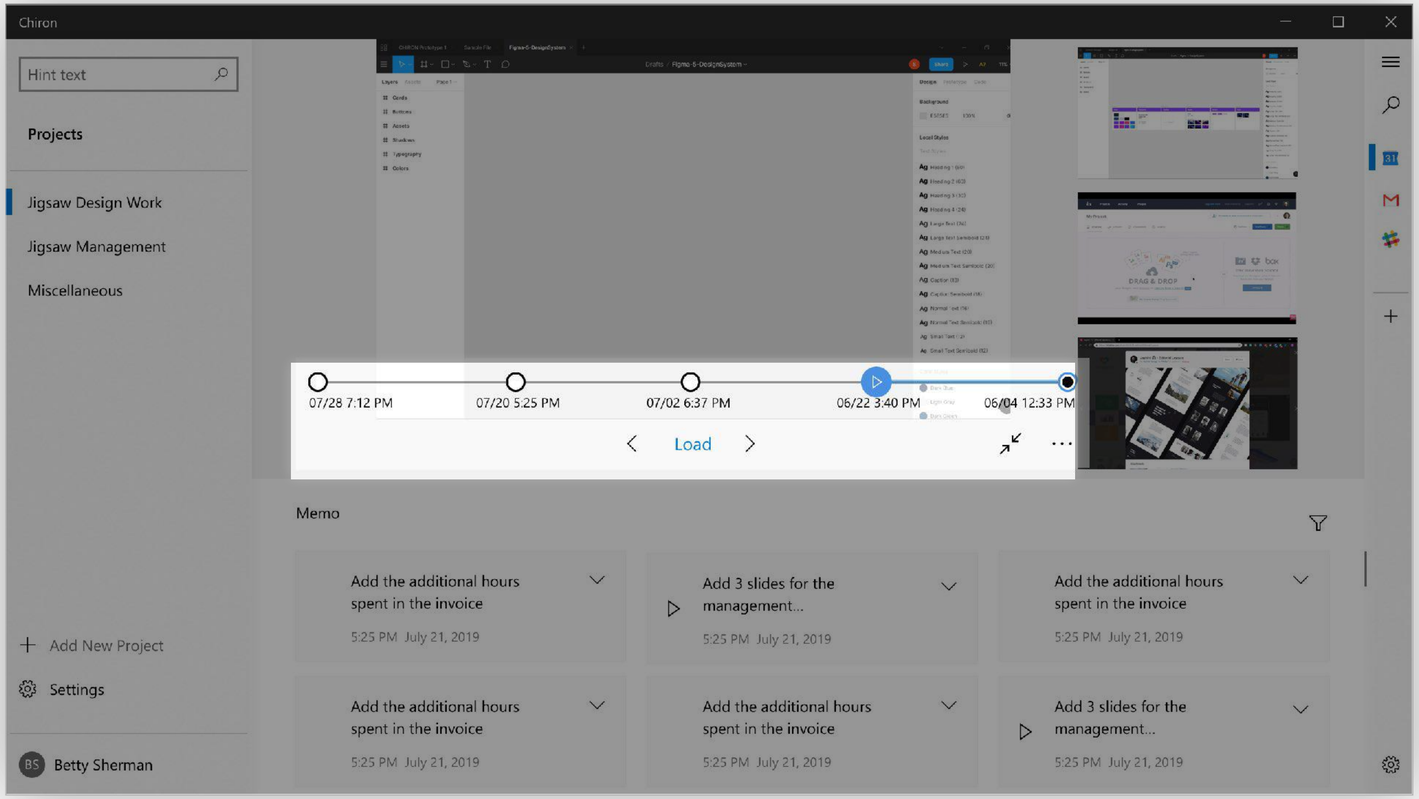


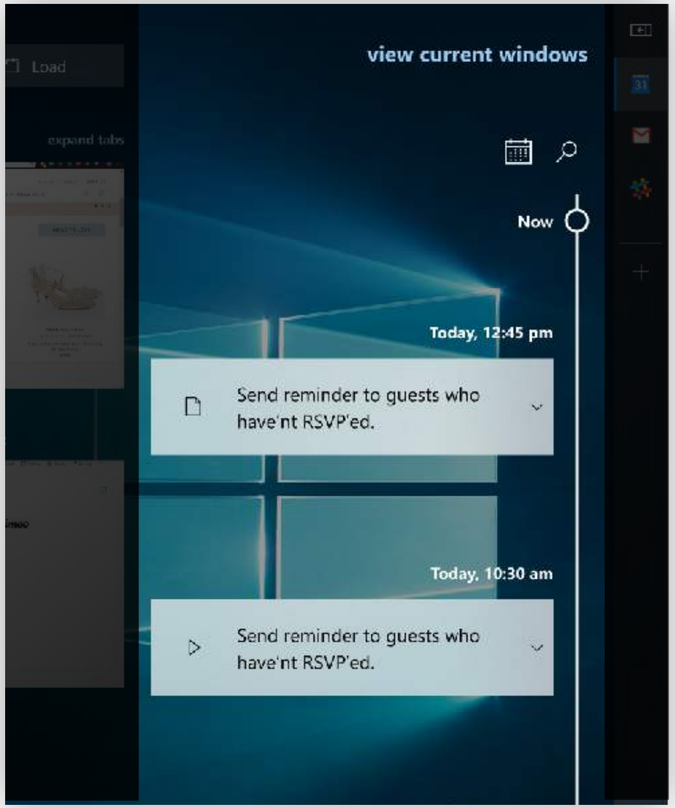
> *Why is the timeline is left to right?*
>
> — Michaela, biomed student

> *Oh, the timeline is reversed.*
>
> — Harry, small business owner

PROTOTYPE FEEDBACK

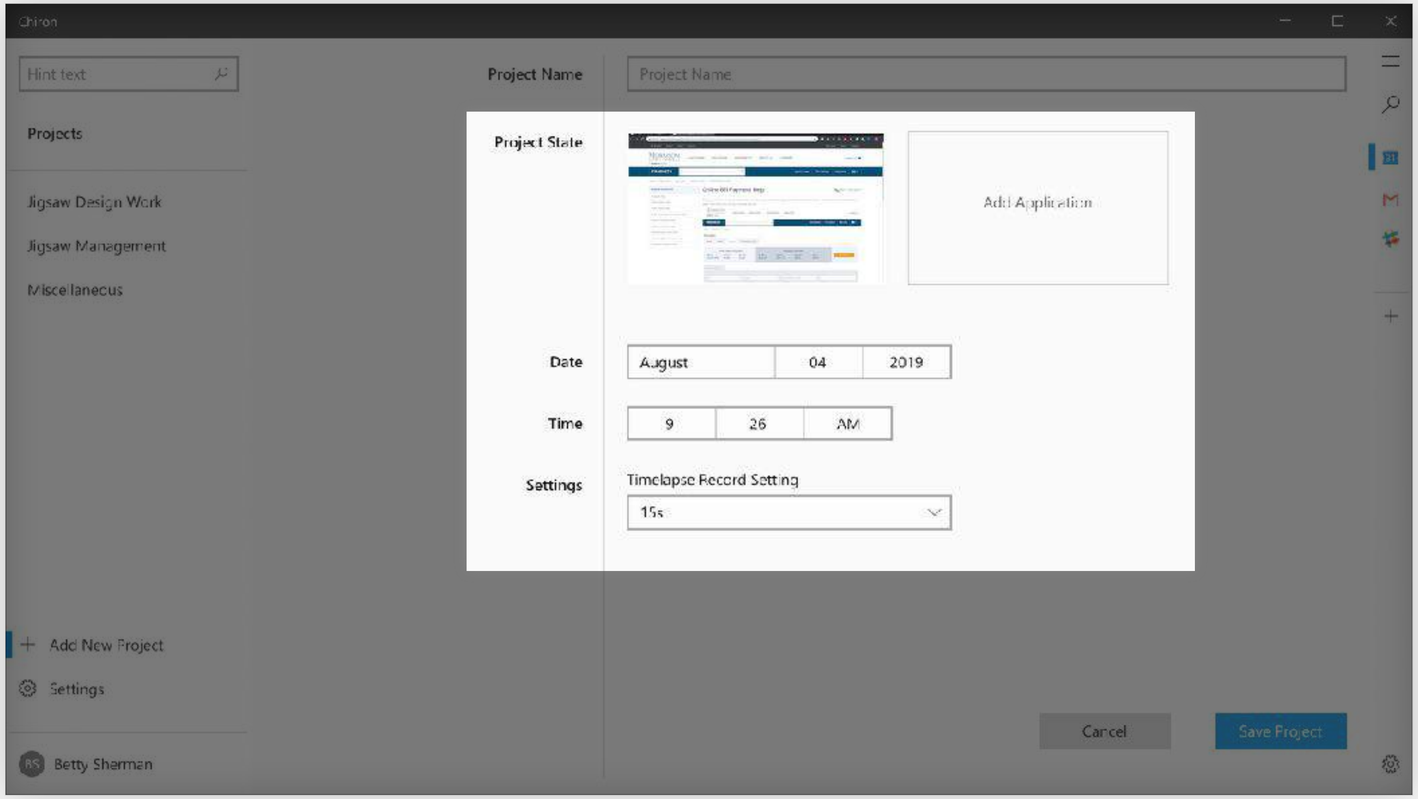
SWITCH | LOAD A PREVIOUS VERSION





PROTOTYPE FEEDBACK

BUILD | ADD A NEW ACTIVITY

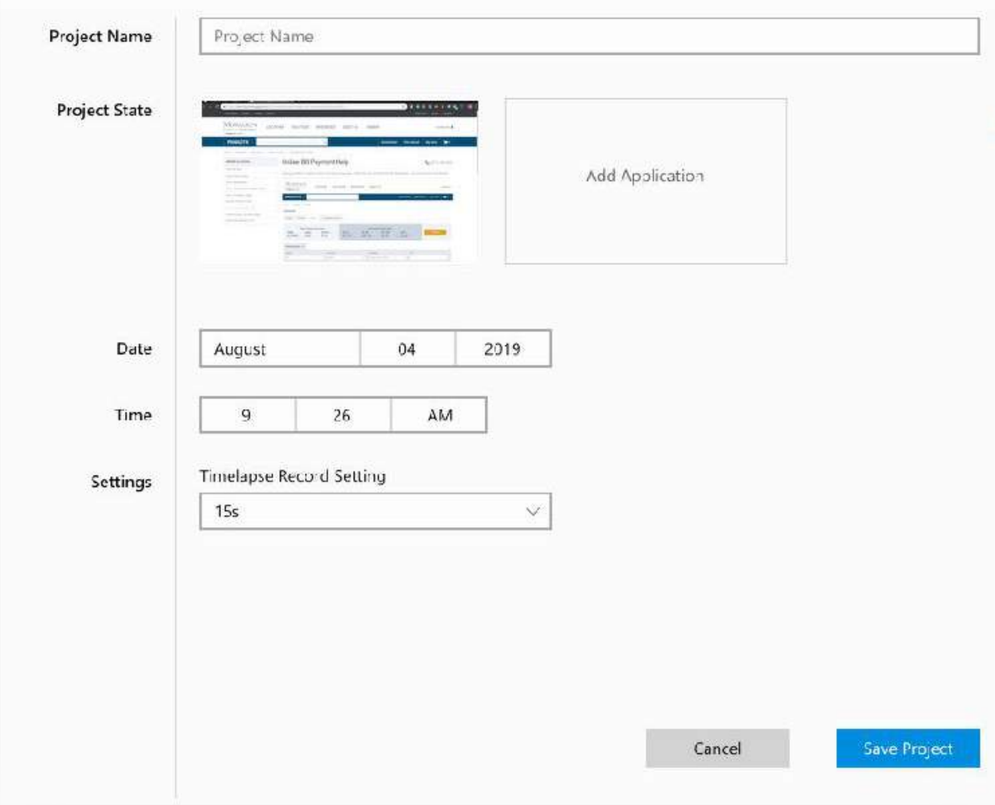


> *I know what virtual desktop is, but I just don't use it because it just takes too much time to actually organize the windows.*

— Whitney, NASA intern

PROTOTYPE FEEDBACK

BUILD | ADD A NEW ACTIVITY

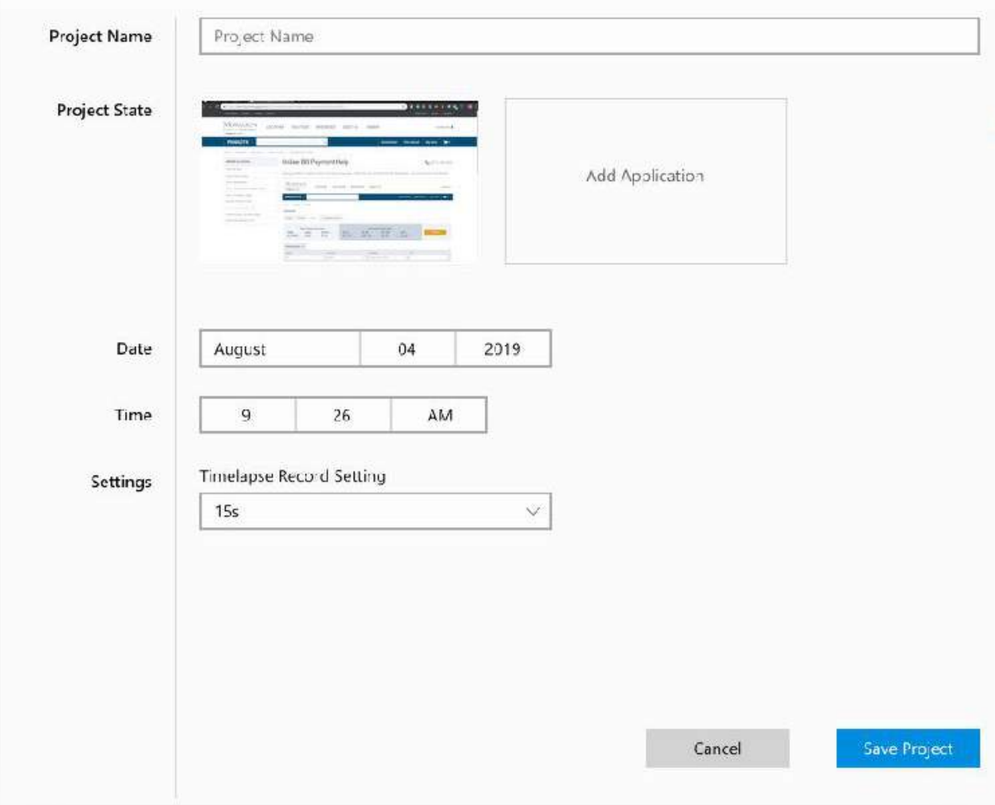


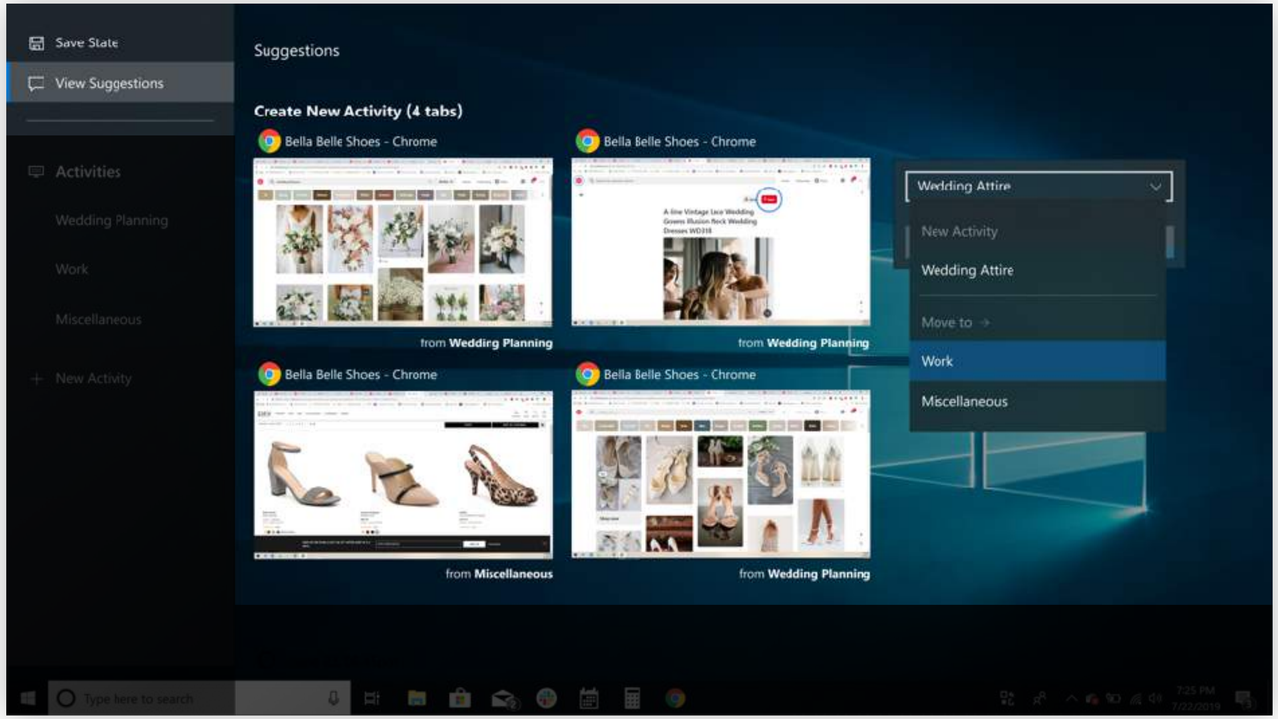
“Smart project containers”

Introduce a way to automate the project creation and categorization process.

PROTOTYPE FEEDBACK

BUILD | ADD A NEW ACTIVITY





HIGH-FIDELITY PROTOTYPE

KEYPATH WALKTHROUGH

Managing her business

Client invoicing

Timesheet email requests

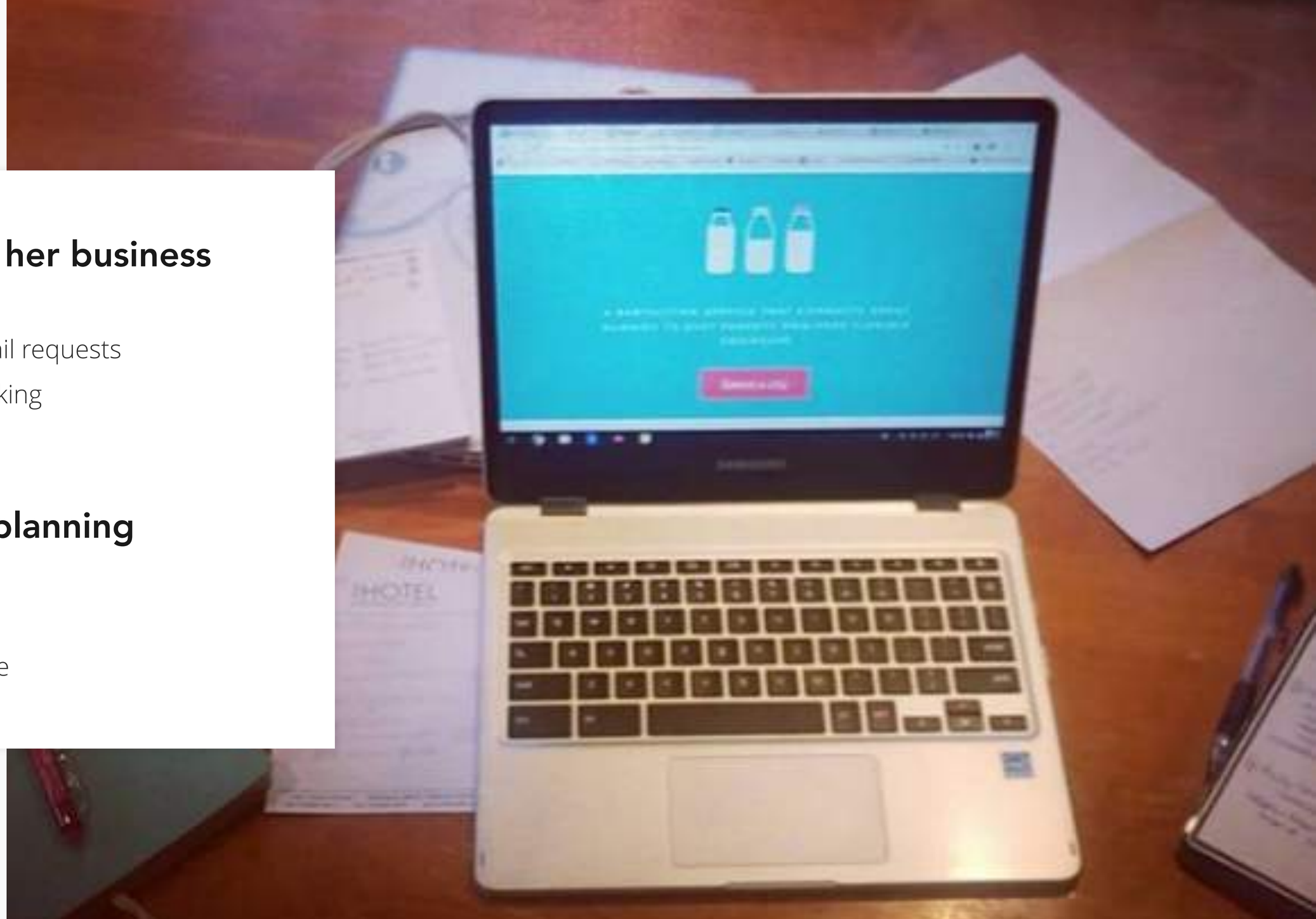
Timecards tracking

Wedding planning

Guest list

Budgeting

Catering service



Build

Create a New Activity

Create an Activity from Suggestions

Switch

Switch projects

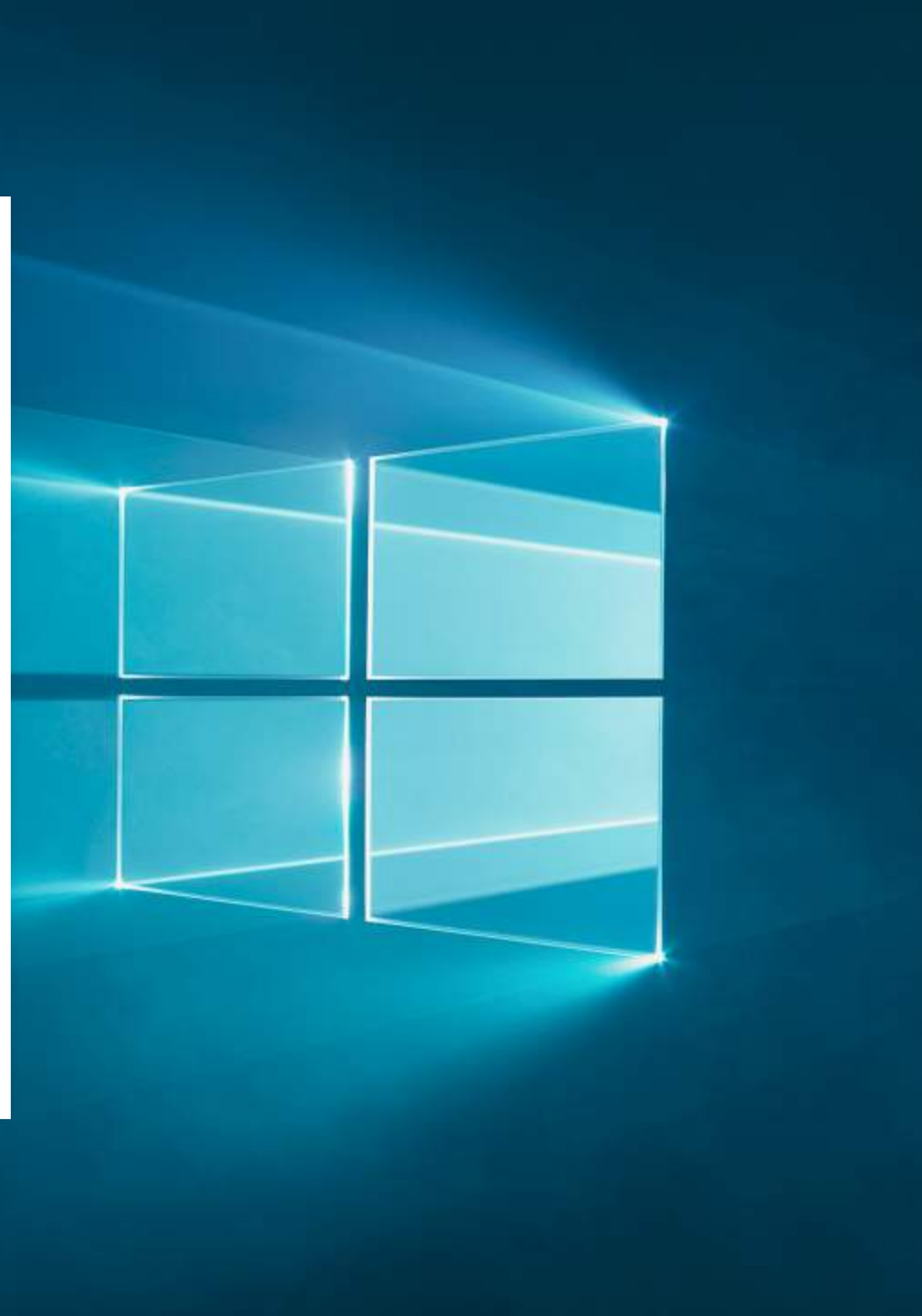
Loading a previous version

Keep

Create a save state

Create a new memo

Review



AutoSave Off
wedding-guest-list - Compatibility Mode - Excel
Sakshat Goyal SG
File Home Insert Page Layout Formulas Data Review View Help Search
Share Comments
Paste Clipboard
Arial 12 Font
Alignment
General Number
Conditional Formatting Format as Table Cell Styles Styles
Insert Delete Format Cells
Sort & Filter Find & Select Editing
Ideas
C16 9679 46th Ave SW

Guest List

Dinner		Reception
Cost per Person	$25.50	Cost per Person
Total Invited:	28	Total Invited:
Total Attending:	20	Total Attending:
Total Cost	$510.00	Total Cost

						Dinner				Reception		
Name	Phone	Street Address	ZIP	√ Invited	√ RSVP	# Invited	# Attending	Seat	Diet Restrictions	# Invited	# Attending	Gift Description
Robinson Crusoe	(206) 721-8527	9241 13th Ave SW	98105	x	x	2	1		no coconuts	2	1	
Jack and Jill	(206) 789-0694	9514 8th Ave S	98120	x	x	1	1			2	2	
Bruce Wayne	(206) 721-1035	9668 Rainier Ave S	98241	x	x	1	1		fruit and insects	1	1	
Winston Eden	(206) 937-1071	9679 46th Ave SW	98106	x	x	3	2		sunlight	3	2	
August Day	(206) 937-0130	9816 51st Ave SW	98187	x								
Roxie Hohler	(360) 956-3144	D Geology For The 21st	98101	x	x	2	2					
Jacinta Suess	(206) 784-1658	8038 14th Ave NW	98105	x	x	2	2					
Sharyn Rouleau	(206) 257-4223	8053 25th Ave NW	98105	x	x	2	2					
Chana Candanoza	(206) 721-8527	8430 S 114th St	98120	x	x	3	2					
Kerri Kittel	(206) 789-0694	9241 13th Ave SW	98241	x	x	4	3					

GuestList
100%
Type here to search
7:25 PM 7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

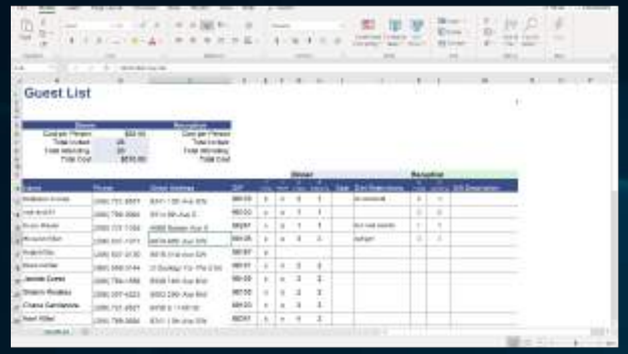
Miscellaneous

+ New Activity

Wedding Planning

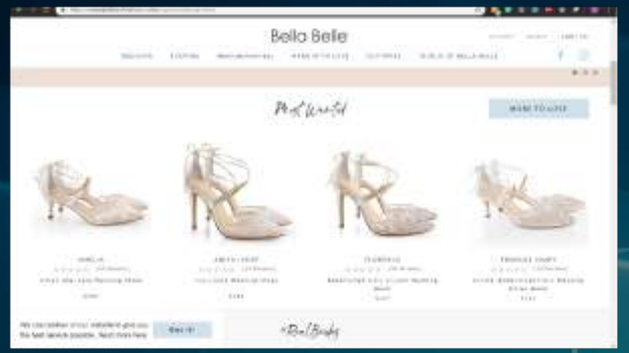
view activity archive

Guest List - Excel

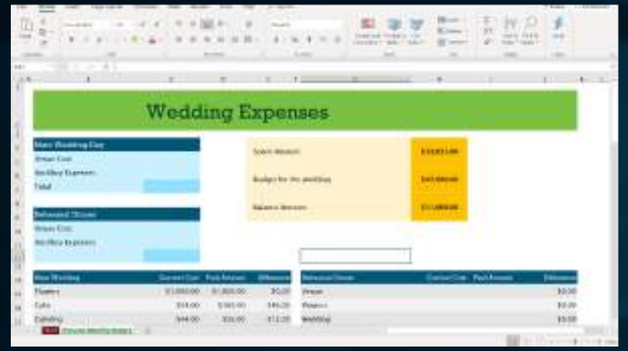


Bella Belle Shoes - Chrome

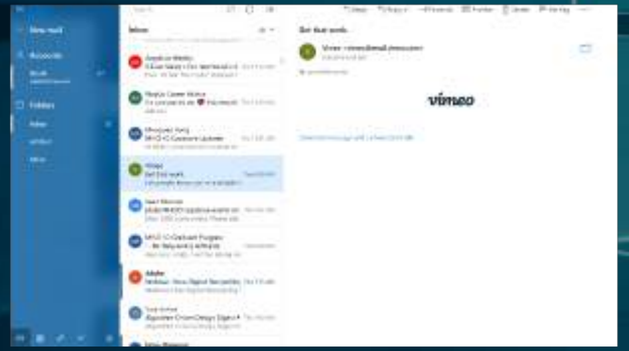
expand tabs



Expense List - Excel



Re: Catering Requests - Outlook



Type or ask Chiron to add a memo

Last memo Today, 12:45

Send reminder to guests who have'nt RSVP'ed.

Type here to search

7:25 PM
7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

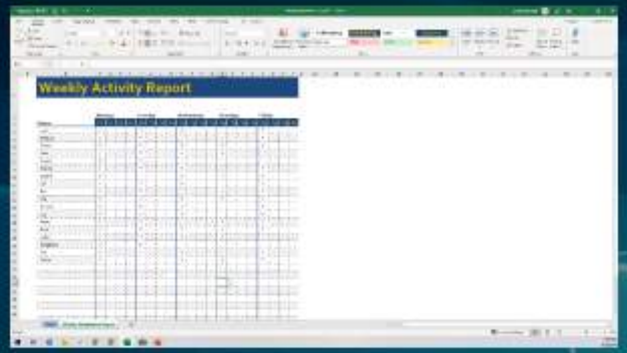
+ New Activity

Work

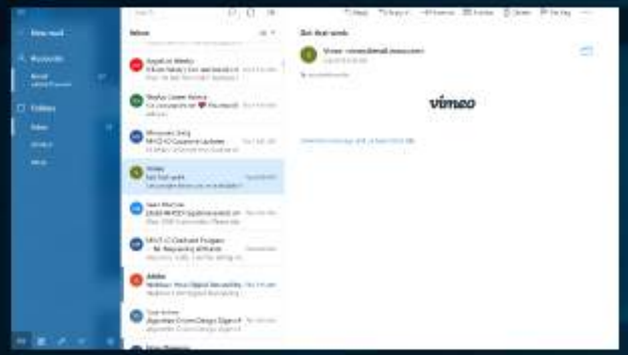
view activity archive

Invoice List - Excel

Time Cards - Excel



Re: Timesheet for Jessica - Mail



Type or ask Chiron to add a memo

Last memo Today, 12:45

Completed the Time sheets.
Waiting for Janice to get back...

Type here to search

7:25 PM
7/22/2019

Invoice Details

Description	Invoice #	Item #	Qty	Unit Price	Discount	Total
Martha	3-456-1	21	21	$21.00	$21.00	$420.00
Saphire	3-456-1	22	22	$22.00	$22.00	$462.00
Lói	3-456-1	23	23	$23.00	$23.00	$506.00
Rut	3-456-1	24	24	$24.00	$24.00	$552.00
Sha	3-456-1	25	25	$25.00	$25.00	$600.00
Jemima	3-456-2	Z4567	39	$5.00		$195.00
Luz	3-456-2	Z4568	40	$4.00	$5.00	$155.00
Janae	3-456-2	Z4569	30	$6.00	$7.00	$173.00
Ruth	3-456-2	Z4570	40	$7.00		$280.00
Lydia	3-456-2	Z4571	10	$4.00		$40.00
Magdelena	3-456-2	Z4572	5	$8.00		$40.00
Ëza	3-456-2	Z4573	70	$6.00		$420.00
Olivia	3-456-2	Z4574	25	$4.00		$100.00
Invoice 3-456-2 Data 9	3-456-2	Z4575	5	$7.00	$3.00	$32.00

Build

Create a New Activity

Create an Activity from Suggestions

Switch

Switch projects

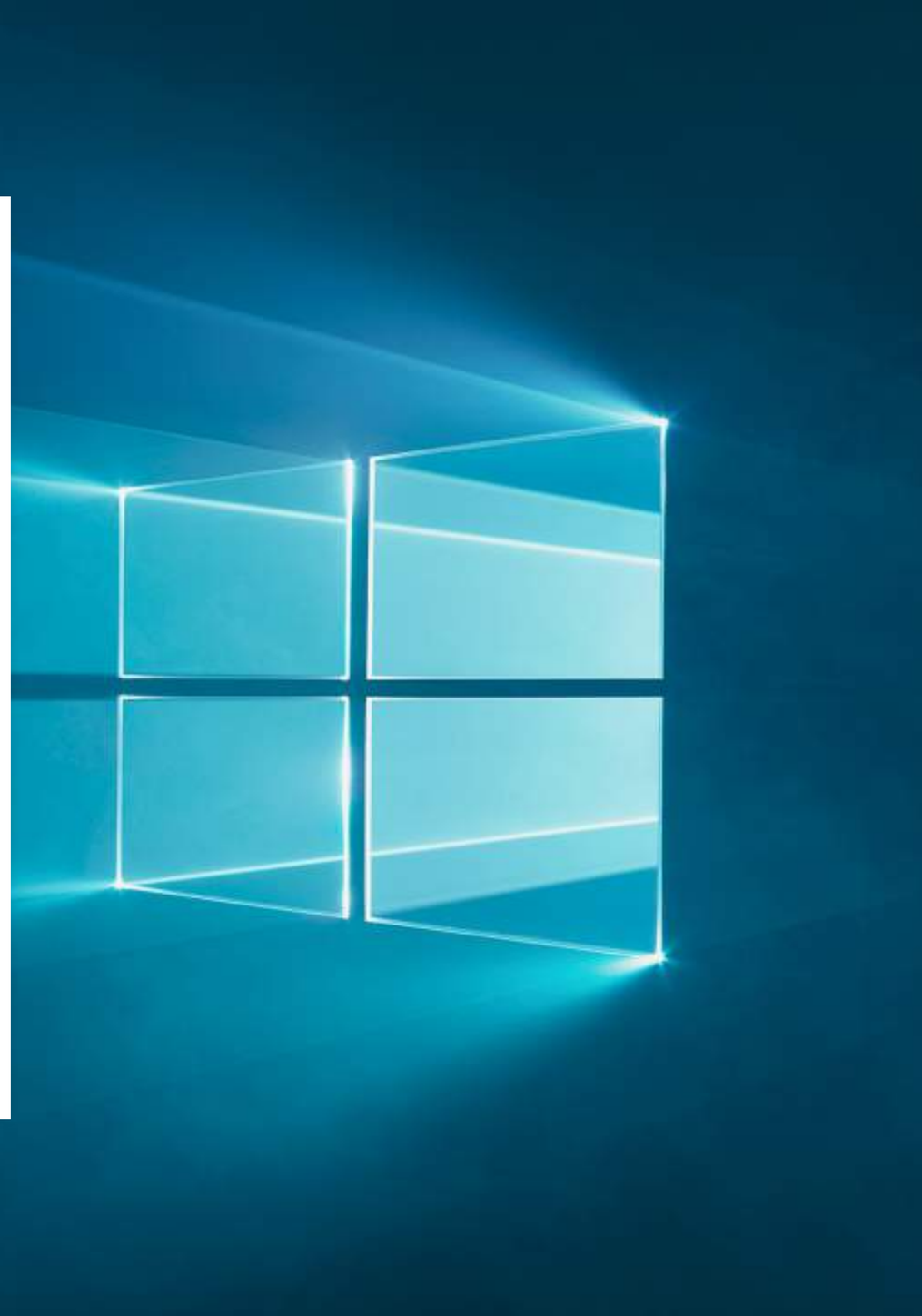
Loading a previous version

Keep

Create a save state

Create a new memo

Review



AutoSave Off
Sales invoice tracker1 - Excel
KHAI NGUYEN
File Home Insert Page Layout Formulas Data Review View Help Table Design Search
Share Comments
Paste Cut Copy Format Painter
Clipboard
Calibri 11
Font
Wrap Text Merge & Center
Alignment
General
Number
Conditional Formatting Format as Table
Normal Bad Good Neutral Calculation Check Cell Explanatory ... Followed Hy...
Styles
Insert Delete Format
Cells
AutoSum Fill Clear Sort & Filter Find & Select
Editing
Ideas
D26 23

Invoice Details

Description	Invoice #	Item #	Qty	Unit Price	Discount	Total
Martha	3-456-1	21	21	$21.00	$21.00	$420.00
Saphire	3-456-1	22	22	$22.00	$22.00	$462.00
Lói	3-456-1	23	23	$23.00	$23.00	$506.00
Rut	3-456-1	24	24	$24.00	$24.00	$552.00
Sha	3-456-1	25	25	$25.00	$25.00	$600.00
Jemima	3-456-2	Z4567	39	$5.00		$195.00
Luz	3-456-2	Z4568	40	$4.00	$5.00	$155.00
Janae	3-456-2	Z4569	30	$6.00	$7.00	$173.00
Ruth	3-456-2	Z4570	40	$7.00		$280.00
Lydia	3-456-2	Z4571	10	$4.00		$40.00
Magdelena	3-456-2	Z4572	5	$8.00		$40.00
Ëza	3-456-2	Z4573	70	$6.00		$420.00
Olivia	3-456-2	Z4574	25	$4.00		$100.00
Invoice 3-456-2 Data 9	3-456-2	Z4575	5	$7.00	$3.00	$32.00

About This Invoice Tracker | Invoice | Customers | Invoices - Main | Invoice Details
Display Settings 100%
Type here to search
7:25 PM 7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

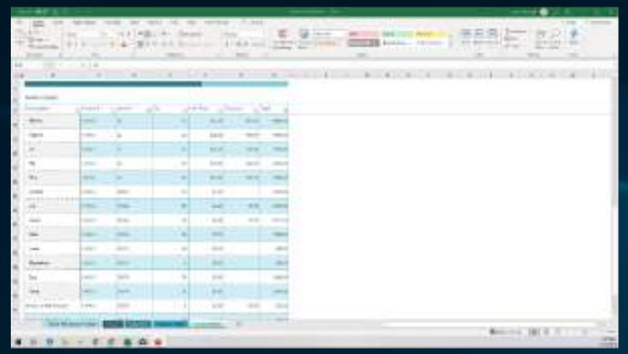
Miscellaneous

New Activity

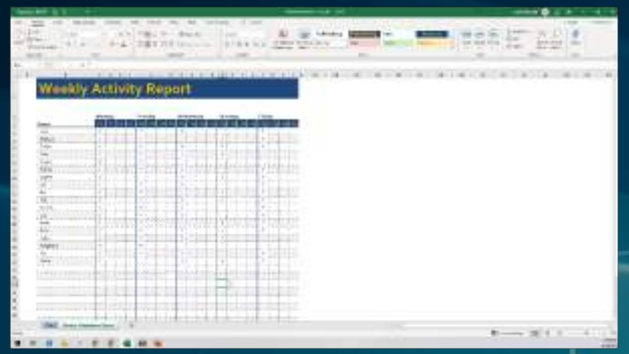
Work

view activity archive

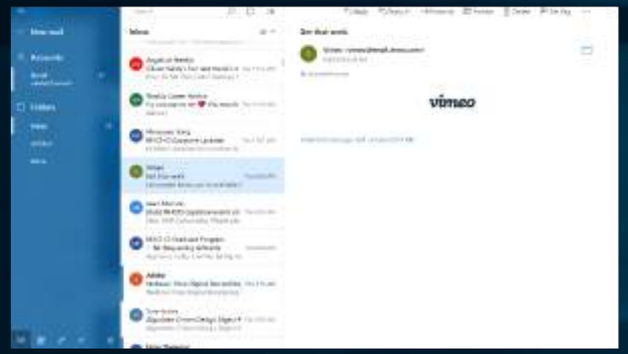
Invoice List - Excel



Time Cards - Excel



Re: Timesheet for Jessica - Mail



Type or ask Chiron to add a memo

Last memo Today, 12:45

Remind Jessica to send her report. And complete the invoi...

Type here to search

7:25 PM
7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

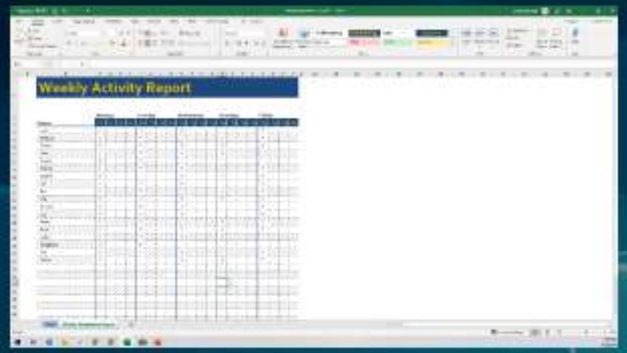
+ New Activity

Work

view activity archive

Invoice List - Excel

Time Cards - Excel



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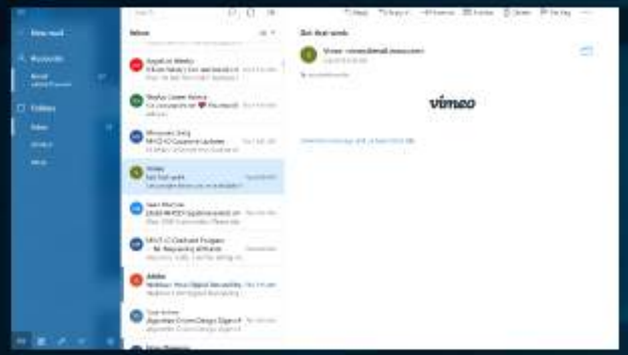


Type or ask Chiron to add a memo

Last memo Today, 12:45

Remind Jessica to send her report. And complete the invoice with her entry.

Set flag Edit Delete

Type here to search

7:25 PM
7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

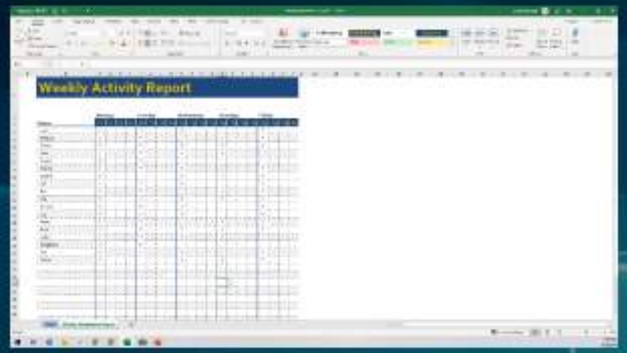
New Activity

Work

view activity archive

Invoice List - Excel

Time Cards - Excel



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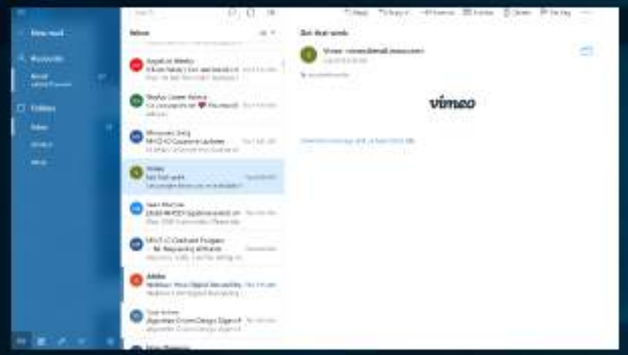


Type or ask Chiron to add a memo

Last memo Today, 12:45

Remind Jessica to send her report. And complete the invoice with her entry.

Set flag Edit Delete

Type here to search

7:25 PM
7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

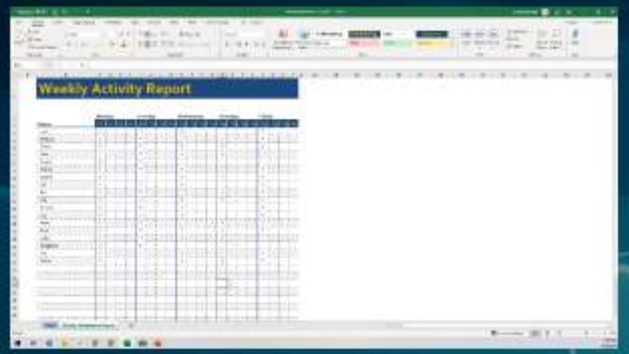
New Activity

Work

view current windows

Invoice List - Excel

Time Cards - Excel



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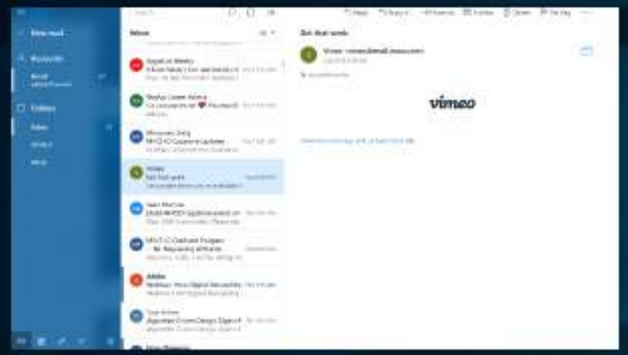


Now

Today, 12:45 pm

Remind Jessica to send her report. And complete the invoi...

Today, 10:30 am

You left off at trying to complete the new interview tr...

Today, 10:30 am

Type here to search

7:25 PM
7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

New Activity

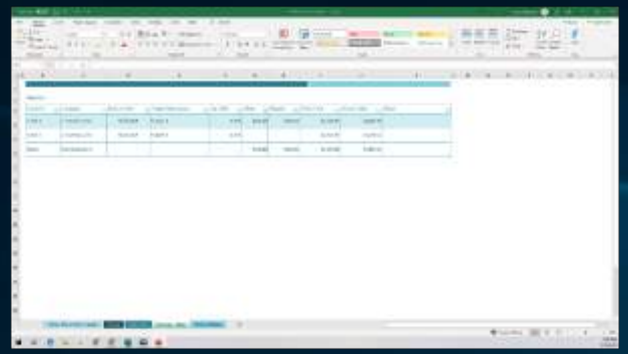
Work

Recap

Load

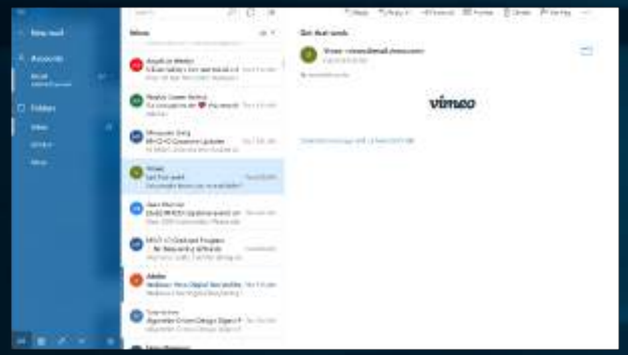
view current windows

Invoice List - Excel



Time Cards - Excel

Re: Timesheet for Jessica - Mail



Now

Today, 12:45 pm

Remind Jessica to send her report. And complete the invoi...

Today, 10:30 am

You left off at trying to complete the new interview tr...

Today, 10:30 am

Type here to search

7:25 PM
7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

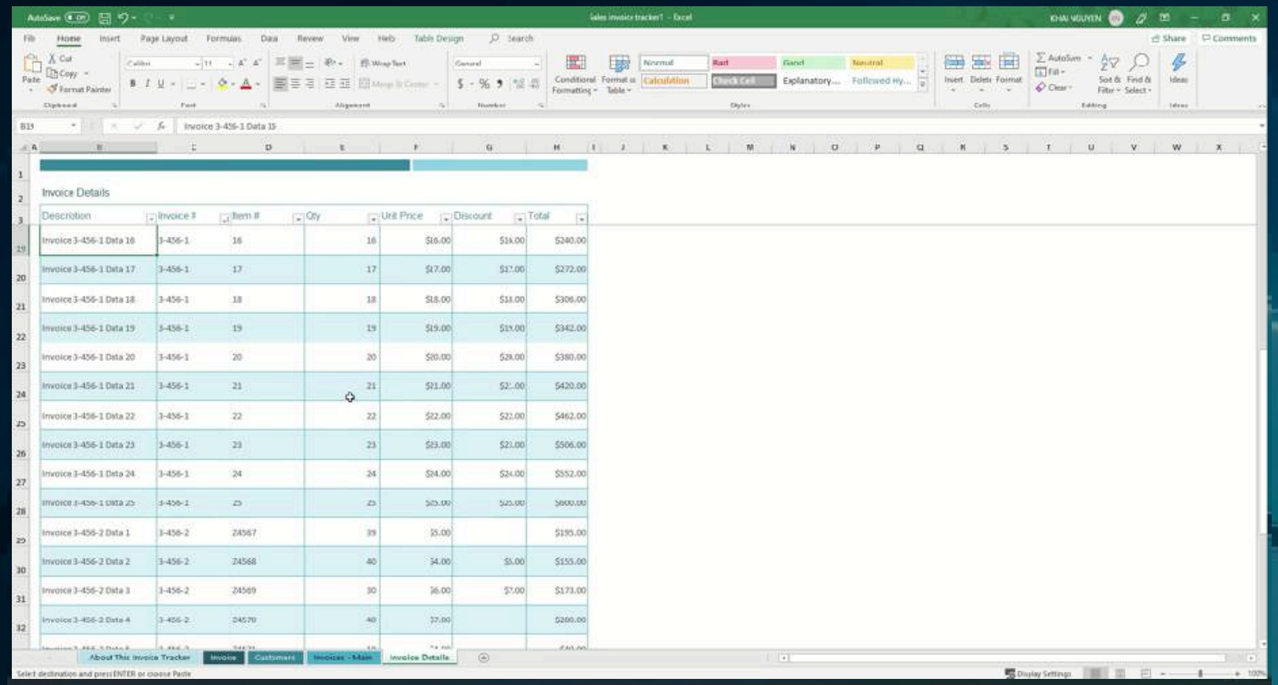
New Activity

Work

Recap

Load

view current windows



Today, 12:45

Today, 12:00pm

Now

Today, 12:45 pm

Remind Jessica to send her report. And complete the invoi...

Today, 10:30 am

You left off at trying to complete the new interview tr...

Today, 10:30 am

Type here to search

7:25 PM
7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

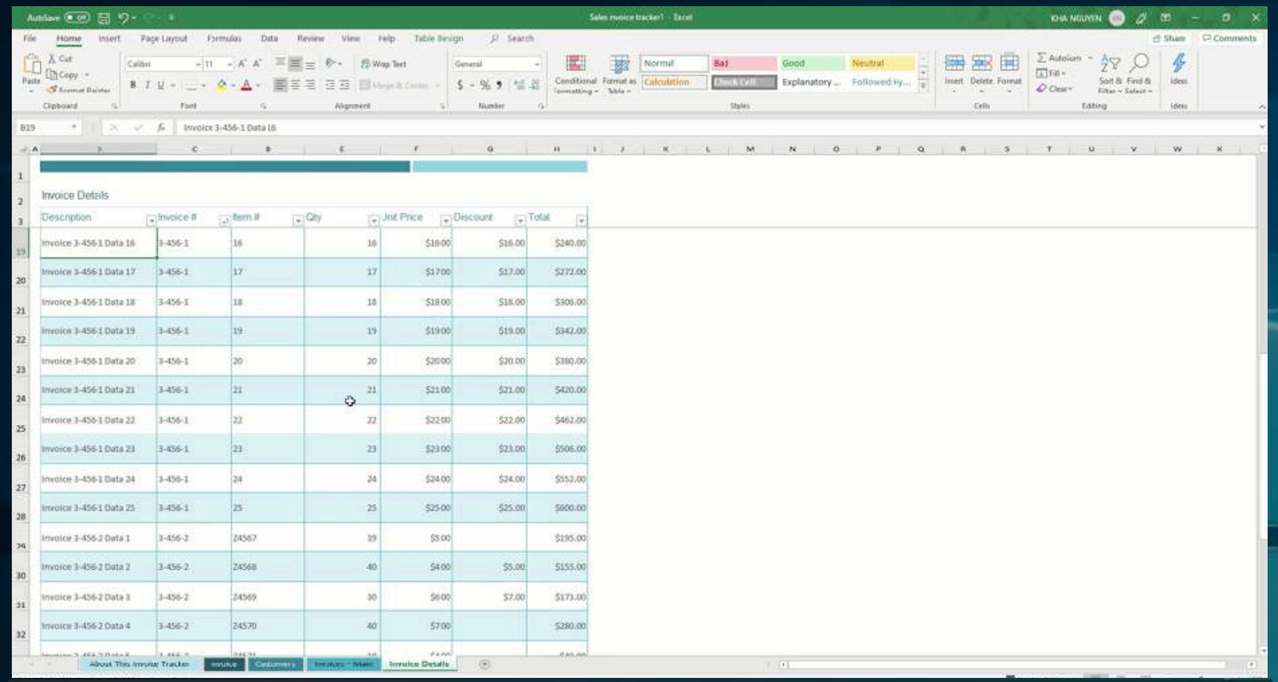
New Activity

Work

Recap

Load

view current windows



Today, 12:45

Today, 12:00pm

Now

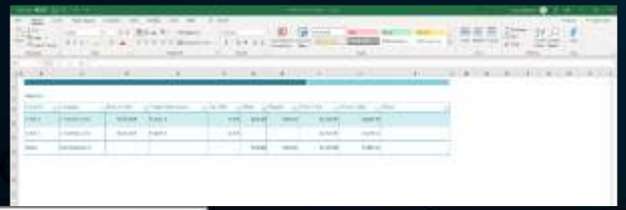
Today, 12:45 pm

Remind Jessica to send her report. And complete the invoi...

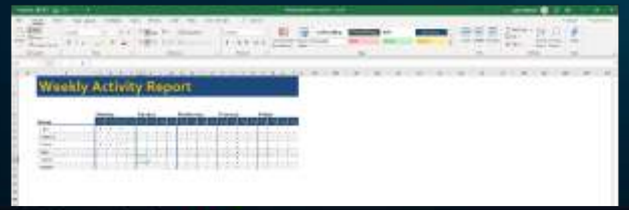
Today, 10:30 am

You left off at trying to complete the new interview tr...

Invoice List - Excel



Time Cards - Excel



Today, 10:30 am

Type here to search

7:25 PM
7/22/2019

AutoSave Off
Sales invoice tracker1 - Excel
KHAI NGUYEN
File Home Insert Page Layout Formulas Data Review View Help Table Design Search
Share Comments
Paste Cut Copy Format Painter
Clipboard
Calibri 11
Font
Wrap Text Merge & Center
Alignment
General
Number
Conditional Formatting Format as Table
Normal Bad Good Neutral Calculation Check Cell Explanatory ... Followed Hy...
Styles
Insert Delete Format
Cells
AutoSum Fill Clear Sort & Filter Find & Select
Editing
Ideas
D26 23

Invoice Details

Description	Invoice #	Item #	Qty	Unit Price	Discount	Total
Martha	3-456-1	21	21	$21.00	$21.00	$420.00
Saphire	3-456-1	22	22	$22.00	$22.00	$462.00
Lói	3-456-1	23	23	$23.00	$23.00	$506.00
Rut	3-456-1	24	24	$24.00	$24.00	$552.00
Sha	3-456-1	25	25	$25.00	$25.00	$600.00
Jemima	3-456-2	Z4567	39	$5.00		$195.00
Luz	3-456-2	Z4568	40	$4.00	$5.00	$155.00
Janae	3-456-2	Z4569	30	$6.00	$7.00	$173.00
Ruth	3-456-2	Z4570	40	$7.00		$280.00
Lydia	3-456-2	Z4571	10	$4.00		$40.00
Magdelena	3-456-2	Z4572	5	$8.00		$40.00
Ëza	3-456-2	Z4573	70	$6.00		$420.00
Olivia	3-456-2	Z4574	25	$4.00		$100.00
Invoice 3-456-2 Data 9	3-456-2	Z4575	5	$7.00	$3.00	$32.00

About This Invoice Tracker | Invoice | Customers | Invoices - Main | Invoice Details
Display Settings 100%
Type here to search
7:25 PM 7/22/2019

Build

Create a New Activity

Create an Activity from Suggestions

Switch

Switch projects

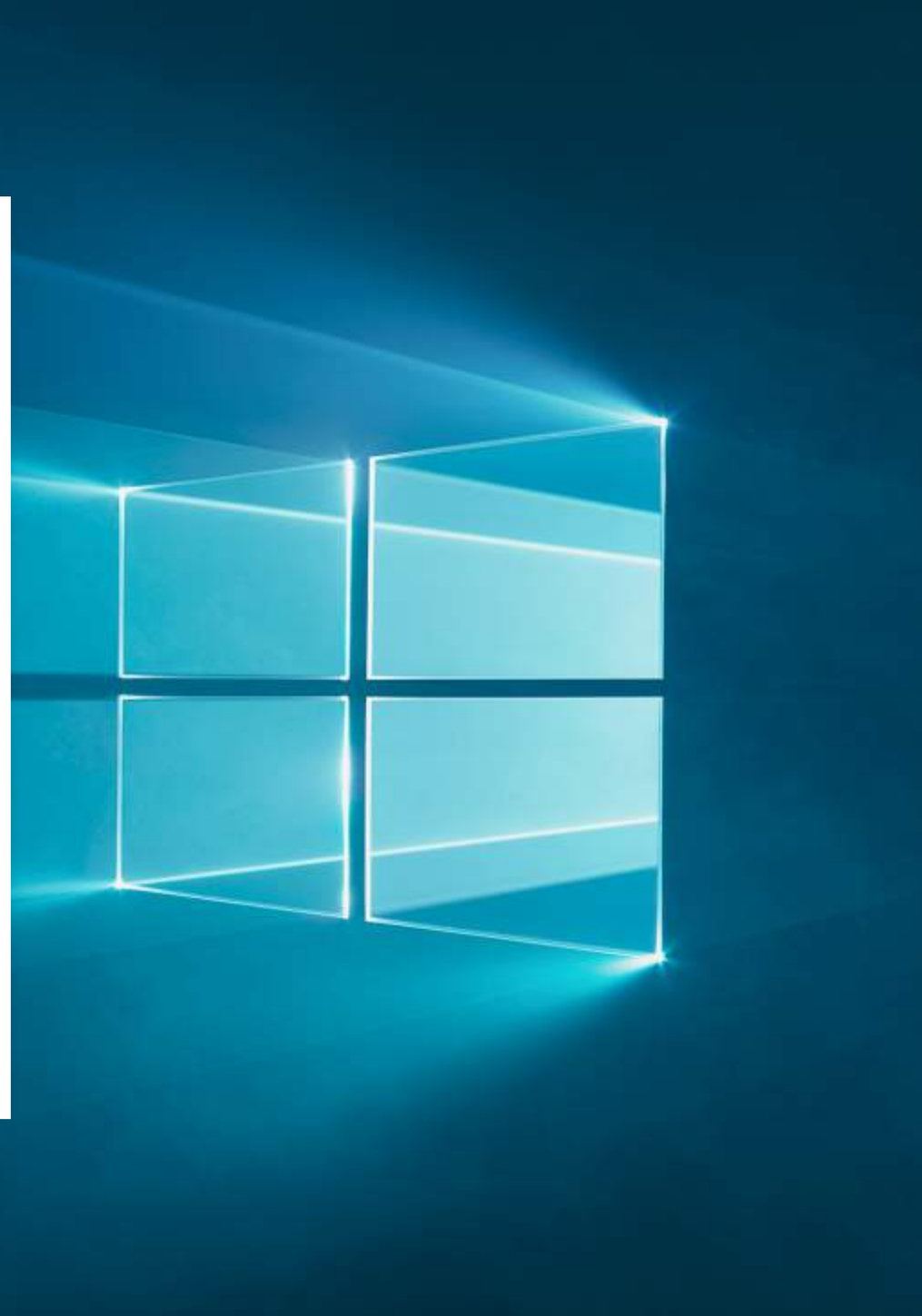
Loading a previous version

Keep

Create a save state

Create a new memo

Review



Weekly Activity Report

Name	Monday				Tuesday				Wednesday				Thursday				Friday			
	P1	T1	U1	E1	P2	T2	U2	E2	P3	T3	U3	E3	P4	T4	U4	E4	P5	T5	U5	E5
Lieia	Y				Y				Y								Y			
Rebecca	Y				Y								Y				Y			
Eunice	Y				Y				Y				Y				Y			
Pearl	Y				Y				Y				Y							
Crystal	Y				Y															
Martha	Y				Y				Y								Y			
Saphire	Y								Y				Y				Y			
Lói	Y				Y				Y								Y			
Rut	Y				Y								Y				Y			
Sha	Y				Y				Y				Y				Y			
Jemima	Y				Y				Y								Y			
Luz	Y				Y				Y								Y			
Janae	Y				Y								Y				Y			
Ruth	Y				Y				Y				Y				Y			
Lydia	Y				Y				Y				Y							
Magdelena	Y				Y															
Éza	Y				Y				Y								Y			
Olivia	Y								Y				Y				Y			

Save State

View Suggestions

Activities

Wedding Planning

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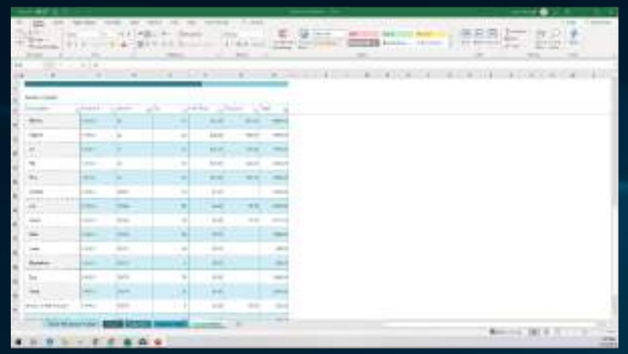
New Activity

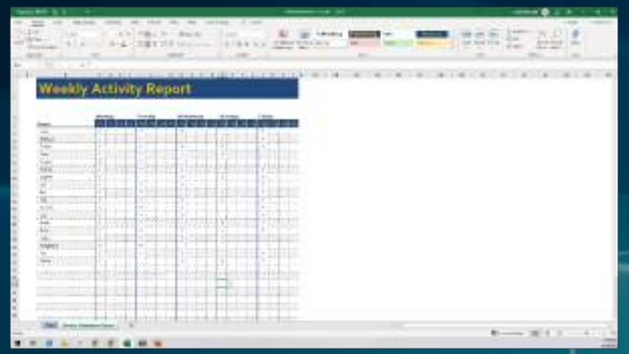
Work

view activity archive

Invoice List - Excel



Time Cards - Excel

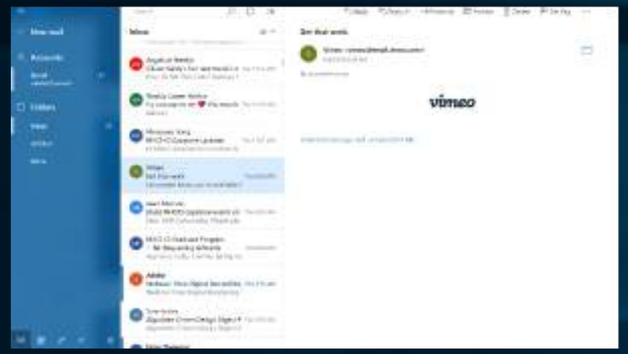


Type or ask Chiron to add a memo

Last memo Today, 12:45

Remind Jessica to send her report. And complete the invoi...

Re: Timesheet for Jessica - Mail



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7/22/2019

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View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

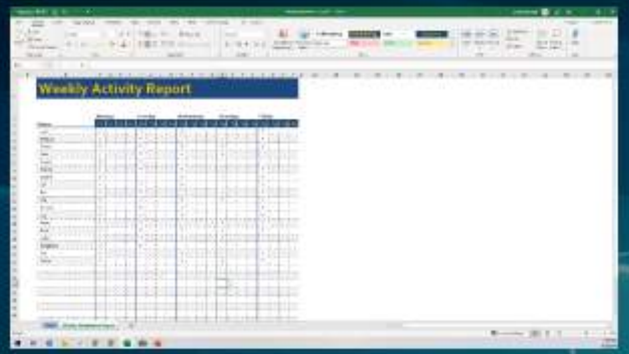
+ New Activity

Work

view activity archive

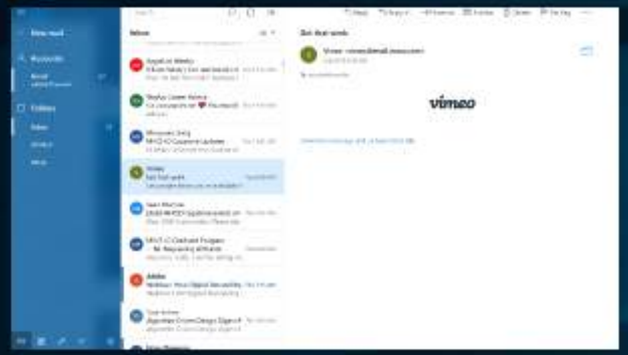
Invoice List - Excel

Time Cards - Excel



Completed the Time sheets. Waiting for Janice to get back with the nanny request.

Re: Timesheet for Jessica - Mail



June 23, 06:45pm

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7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

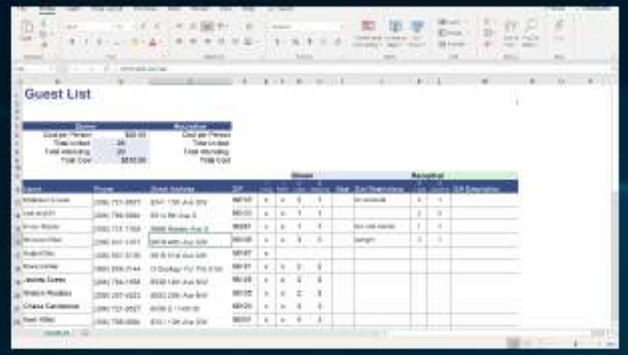
Miscellaneous

+ New Activity

Wedding Planning

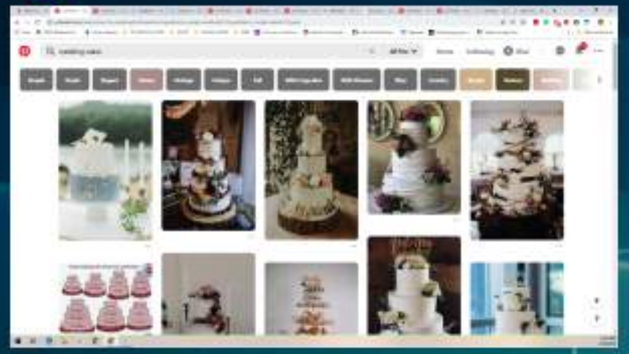
view activity archive

Guest List - Excel



Pinterest - Chrome

expand tabs

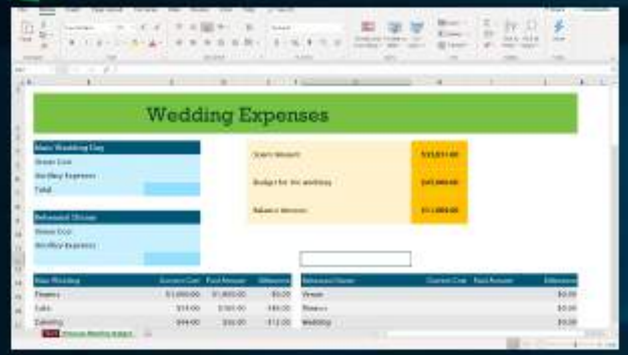


Type or ask Chiron to add a memo

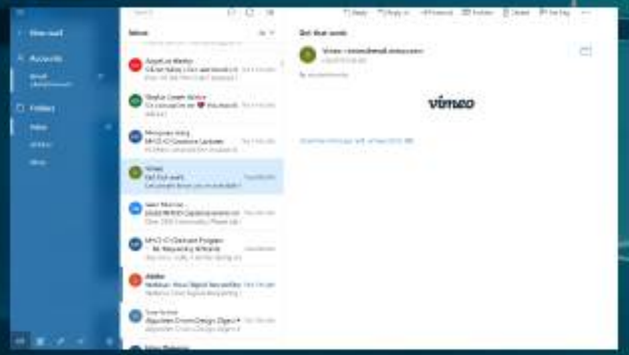
Last memo Today, 12:45

Send reminder to guests who have'nt RSVP'ed.

Expense List - Excel



Re: Catering Requests - Mail



Type here to search

7:25 PM
7/22/2019

Photos for | (1) Pintere | (1) Pintere | Seattle We | Lora's Le G | (1) Pintere | (1) Pintere | (1) Pintere | Women's | Mori Lee | (1) Pintere | (1) Pintere | wedding | dress shoe
pinterest.com/search/pins/?q=wedding%20cakes&rs=typed&term_meta[]=wedding%7Ctyped&term_meta[]=cakes%7Ctyped
Apps | PyQt5 Reference G... | Library Genesis | TO_PRACTICE_CODE | MUSIC | MANGA_ANIME | JOBS | A Survey on Produc... | sketch-lint/script.js... | saranshsolanki/desi... | #general | khaiquangnguyen –... | Speech recognition... | Other bookmarks

wedding cakes

All Pins | Home | Following | Khai

Simple | Rustic | Elegant | Flower | Vintage | Unique | Fall | With Cupcakes | With Flowers | Blue | Country | Simple | Texture | Building

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7/22/2019

Build

Create a New Activity

Create an Activity from Suggestions

Switch

Switch projects

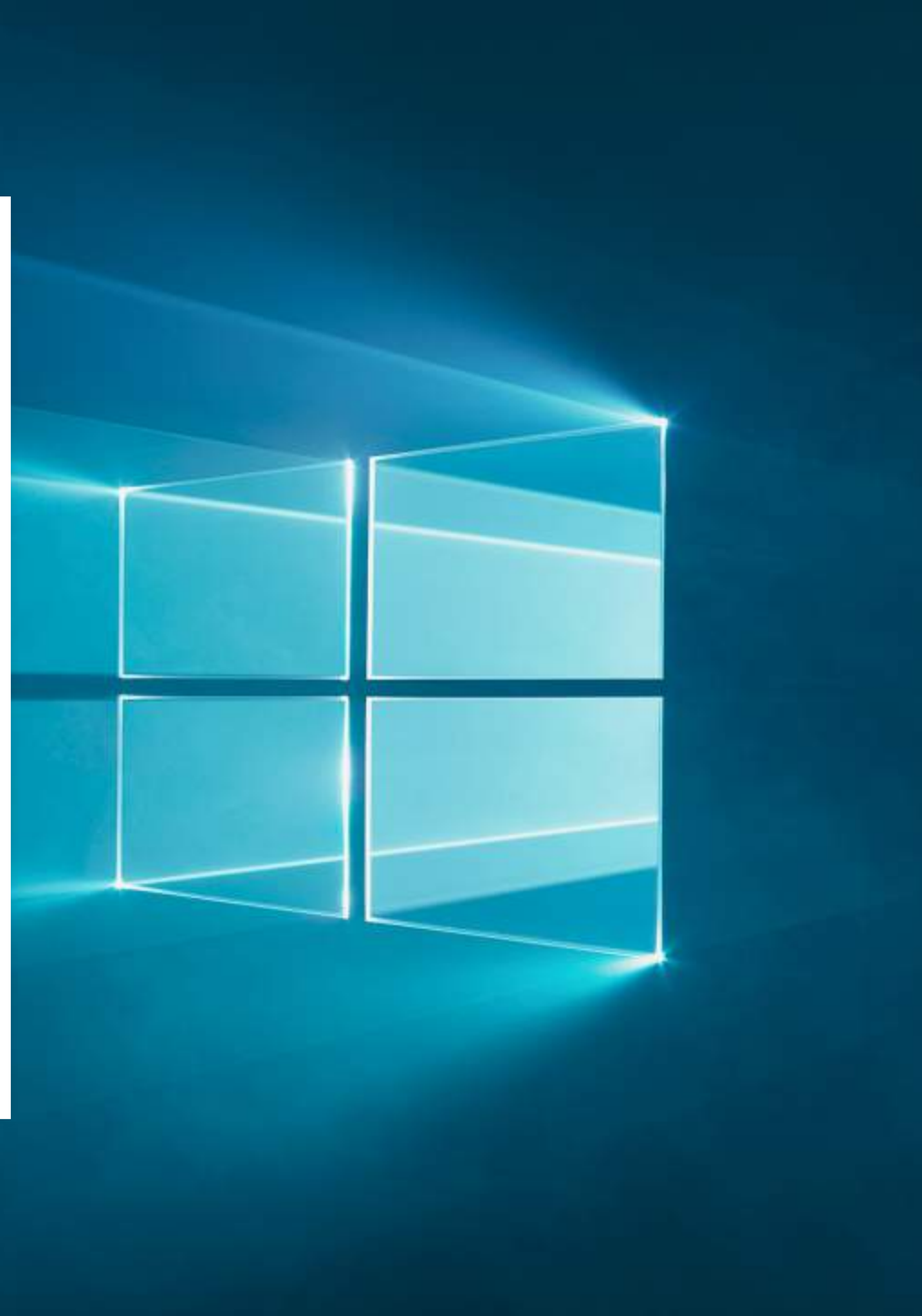
Loading a previous version

Keep

Create a save state

Create a new memo

Review



Photos for | (1) Pintere | (1) Pintere | Seattle We | Lora's Le G | (1) Pintere | (1) Pintere | (1) Pintere | Women's | Mori Lee | (1) Pintere | (1) Pintere | wedding | dress shoe
google.com/search?q=wedding+catering&rlz=1C1CHBF_enUS817US817&oq=WEDDING+catering&aqs=chrome.0.69i59j0l5.9211j0j8&sourceid=chrome&ie=UTF-8
Apps | PyQt5 Reference G... | Library Genesis | TO_PRACTICE_CODE | MUSIC | MANGA_ANIME | JOBS | A Survey on Produc... | sketch-lint/script.js... | saranshsolanki/desi... | #general | khaiquangnguyen –... | Speech recognition... | Other bookmarks

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Reviews on Cheap **Wedding Catering** in Seattle, WA - Madres Kitchen, Pyramid Catering & Events, Blue Ribbon Cooking Culinary Center, ARISTA Catering, ...

Elegant Seattle Wedding Catering | Kaspars Catering & Events
https://kasparsseattlecatering.com/wedding/
For over 30 years, Kaspars **Catering** & Events has created the most memorable celebrations of love and family in the Seattle community. Because your **wedding** ...

Catering | Seattle Bride
https://seattlebridemag.com/catering
Catering. Hit Refresh: Four Colorful Northwest-Inspired Cocktails For Your Seattle **Wedding**. Get the party started with colorful cocktails that showcase seasonal ...

Catering in Seattle, WA - The Knot
https://www.theknot.com › ... › Catering › Washington Catering
Learn more about **catering** in Seattle on The Knot. Find, research and contact **wedding** professionals on The Knot, featuring reviews and info on the best ...

The 10 Best Inexpensive Caterers in Seattle, WA (with Free Estima...
https://www.thumbtack.com › WA › Seattle
Here is the definitive list of Seattle's inexpensive **caterers** as rated by the Seattle, ... "Chef Emme catered our **wedding** and we couldn't be happier with the choice ...

How do you find a good caterer?

How much does it cost to hire a caterer?

How much should catering cost per person?

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ARISTA: Seattle's Affordable, Elegant Catering Company - Seattle
https://www.cateringseattle.com/

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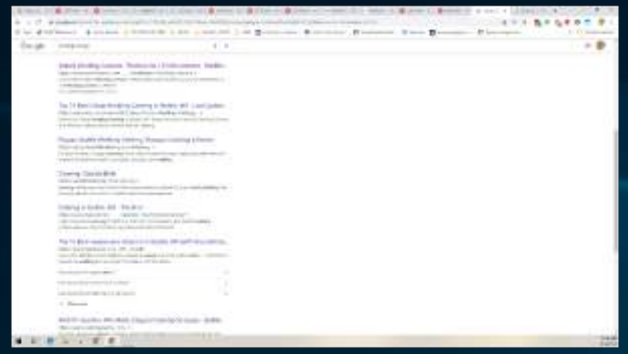
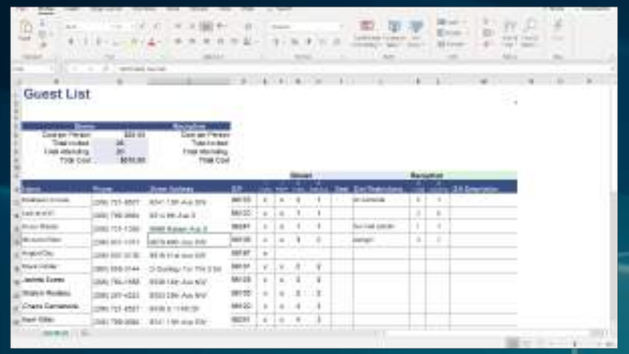
Bella Belle Shoes - Chrome

expand tabs



Guest List - Excel



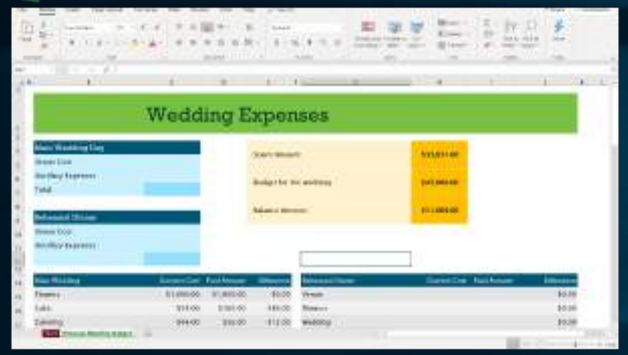
Type or ask Chiron to add a memo

Last memo

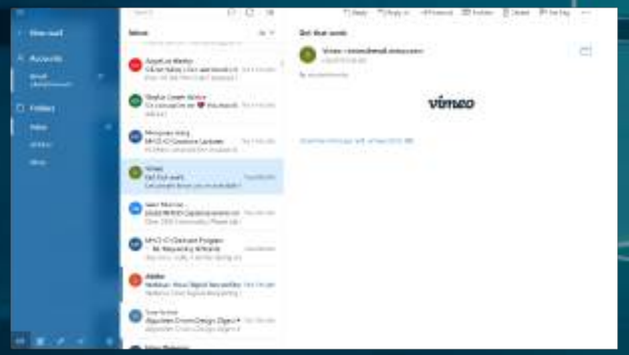
Today, 12:45

Send reminder to guests who have'nt RSVP'ed.

Expense List - Excel



Re: Catering Requests - Outlook



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New Activity

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Create New Activity (4 tabs)

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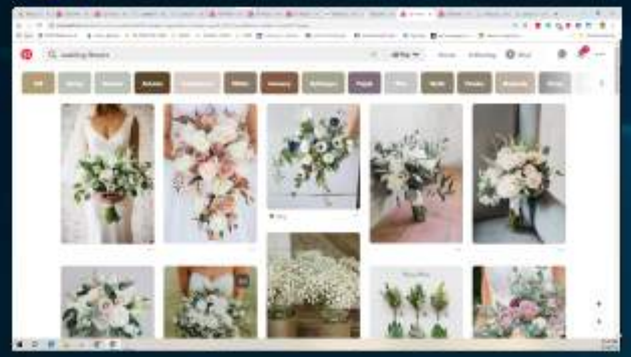


from **Wedding Planning**

Bella Belle Shoes - Chrome

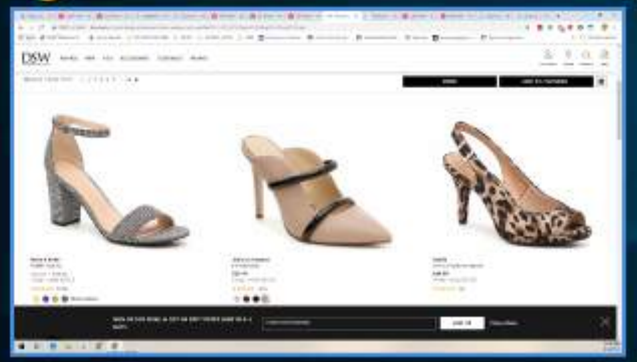
from **Wedding Planning**

Wedding Attire

Create Activity

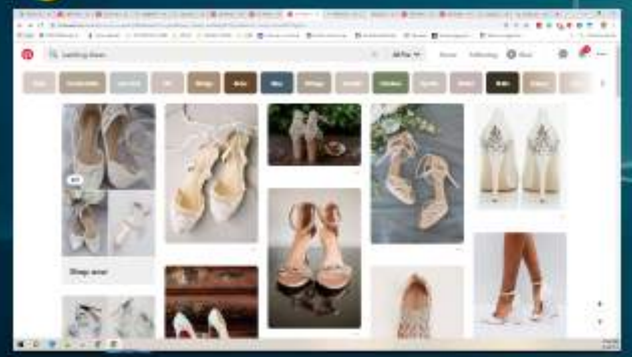
Cancel

Bella Belle Shoes - Chrome



from **Miscellaneous**

Bella Belle Shoes - Chrome



from **Wedding Planning**

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7/22/2019

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Miscellaneous

+ New Activity

Suggestions

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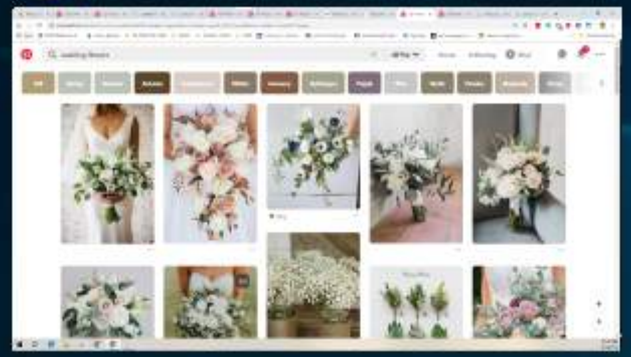
Bella Belle Shoes - Chrome



from **Wedding Planning**

Bella Belle Shoes - Chrome

from **Wedding Planning**

Wedding Attire

Create Activity

Cancel

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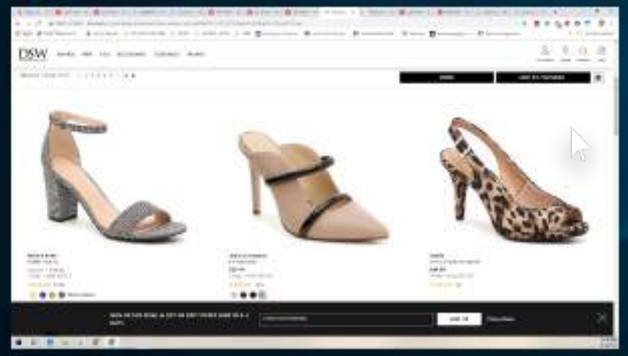
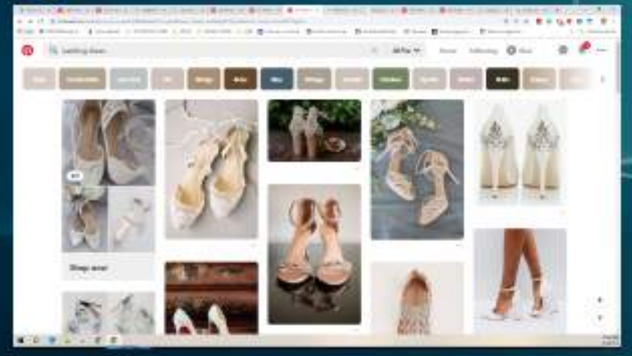


from **Miscellaneous**

Bella Belle Shoes - Chrome



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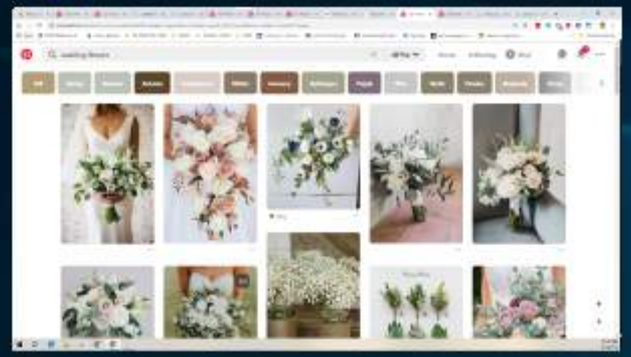

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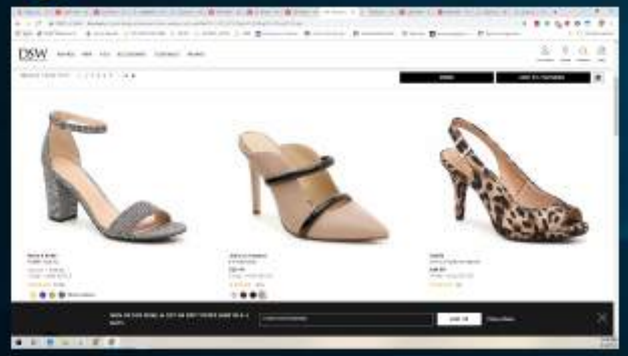
Bella Belle Shoes - Chrome

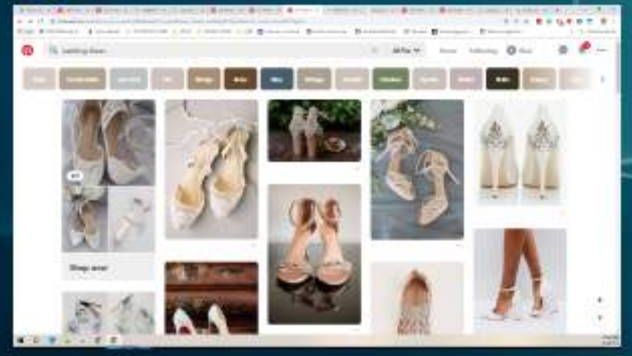
from **Wedding Planning**

Bella Belle Shoes - Chrome



from **Miscellaneous**

Bella Belle Shoes - Chrome



from **Wedding Planning**

Wedding Attire

New Activity

Wedding Attire

Move to →

Work

Miscellaneous

Type here to search

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7/22/2019

Save State

View Suggestions

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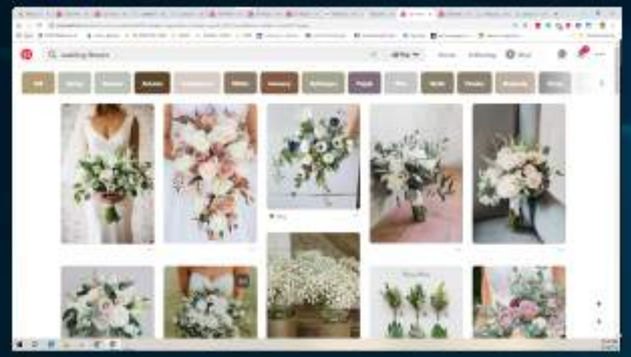
Miscellaneous

New Activity

Suggestions

Create New Activity (4 tabs)

Bella Belle Shoes - Chrome



from **Wedding Planning**

Bella Belle Shoes - Chrome

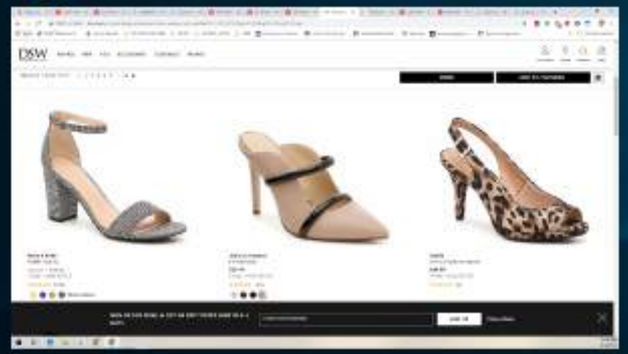
from **Wedding Planning**

Wedding Attire

Create Activity

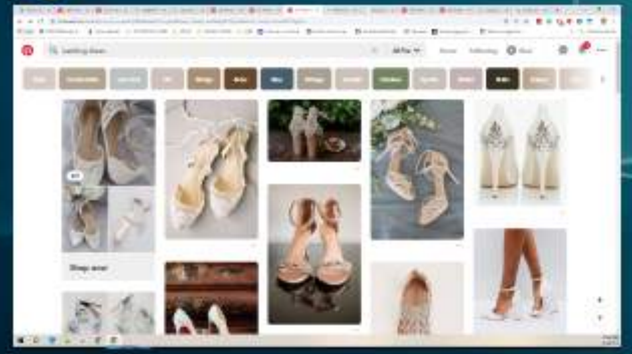
Cancel

Bella Belle Shoes - Chrome



from **Miscellaneous**

Bella Belle Shoes - Chrome



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Type here to search

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7/22/2019

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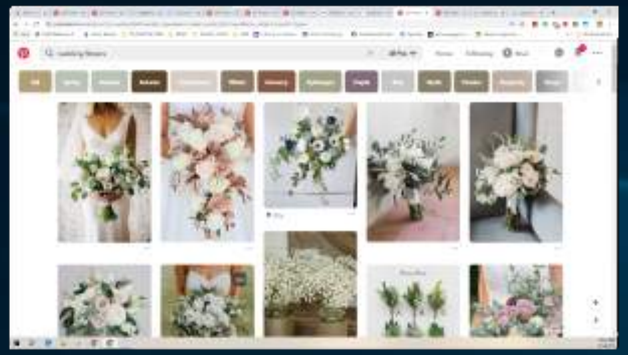
Miscellaneous

+ New Activity

Wedding Attire

view activity archive

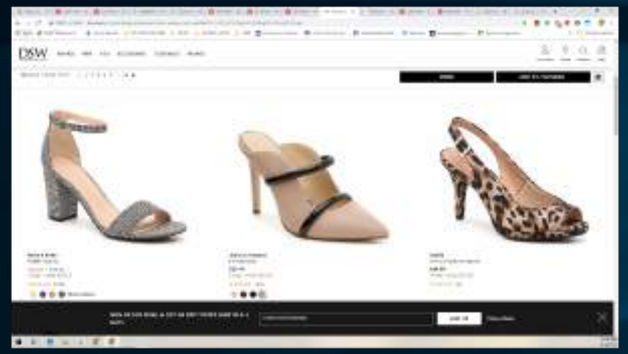
Bella Belle Shoes - Chrome



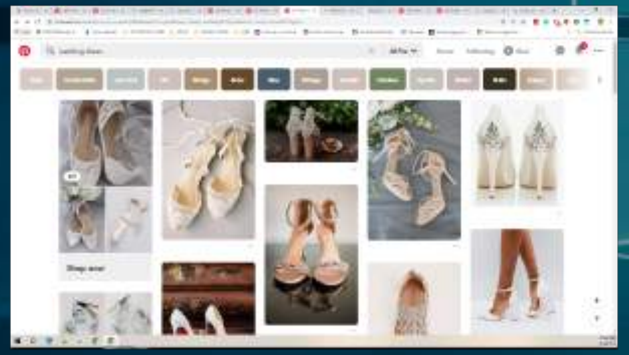
Bella Belle Shoes - Chrome

Type or ask Chiron to add a memo

Bella Belle Shoes - Chrome



Bella Belle Shoes - Chrome



Type here to search

7:25 PM
7/22/2019

Build

Create a New Activity

Create an Activity from Suggestions

Switch

Switch projects

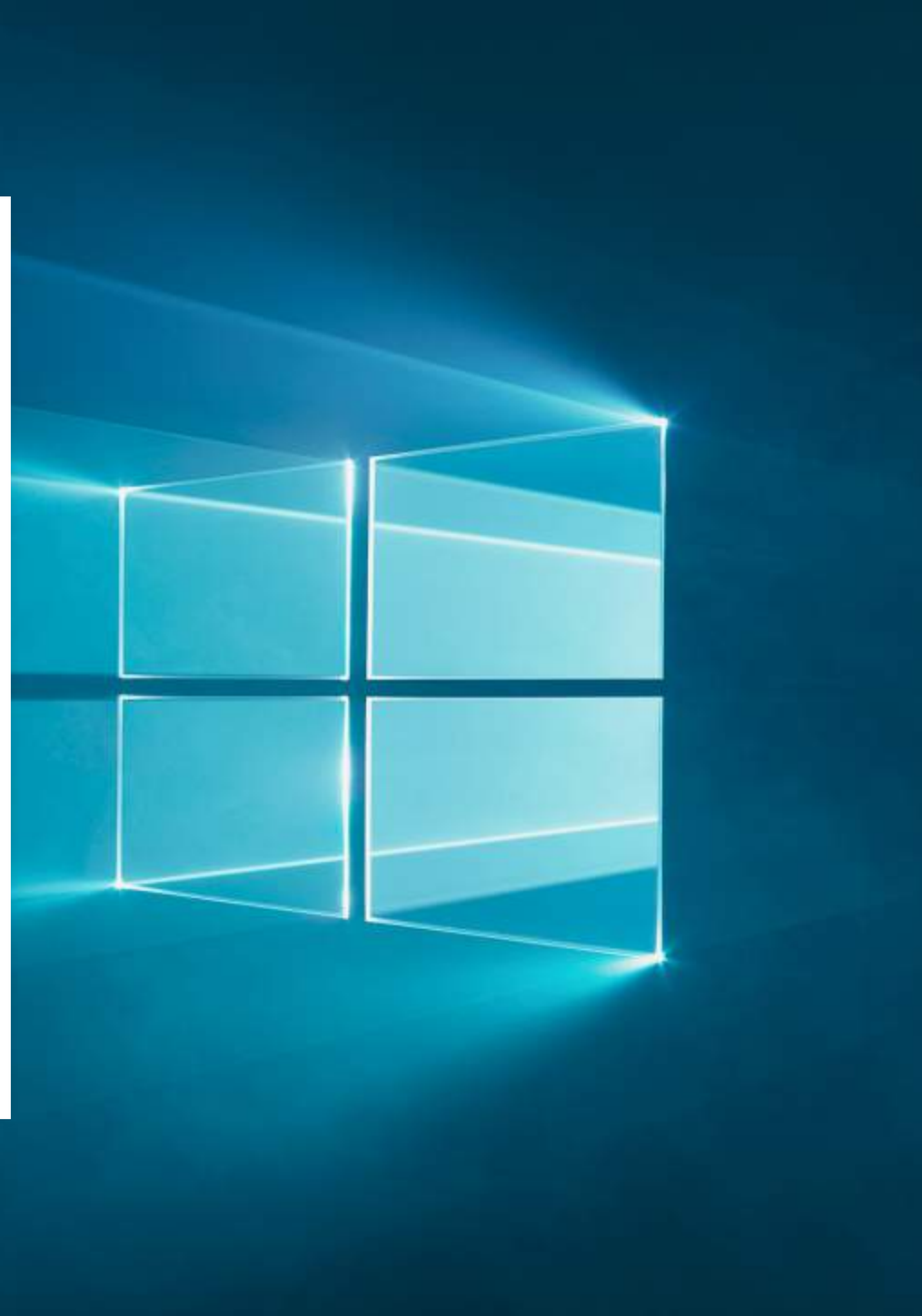
Loading a previous version

Keep

Create a save state

Create a new memo

Review



Save State

View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

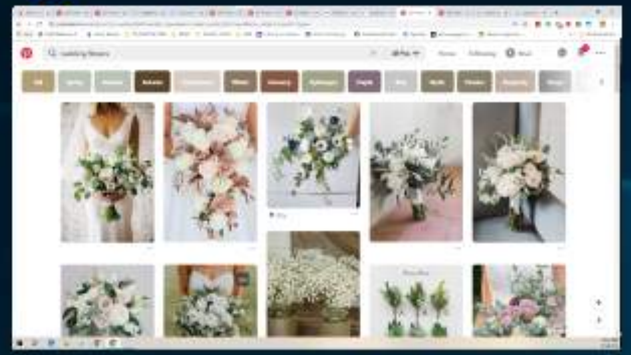
Wedding Attire

+ New Activity

Wedding Attire

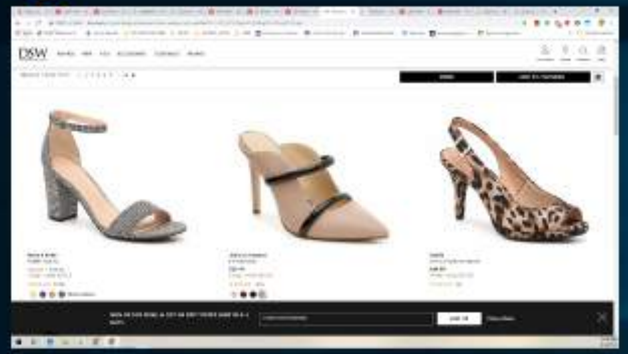
view activity archive

Bella Belle Shoes - Chrome

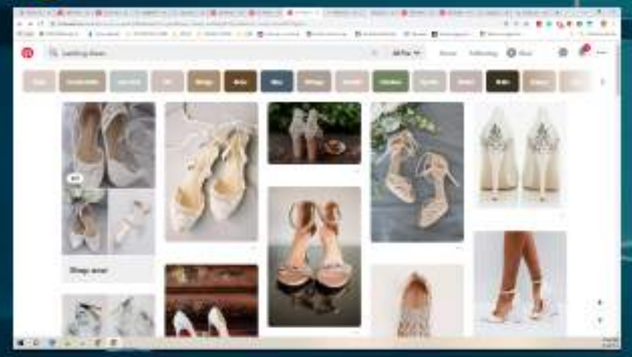


Bella Belle Shoes - Chrome

Bella Belle Shoes - Chrome



Bella Belle Shoes - Chrome



Type or ask Chiron to add a memo

Type here to search

7:25 PM
7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

Wedding Attire

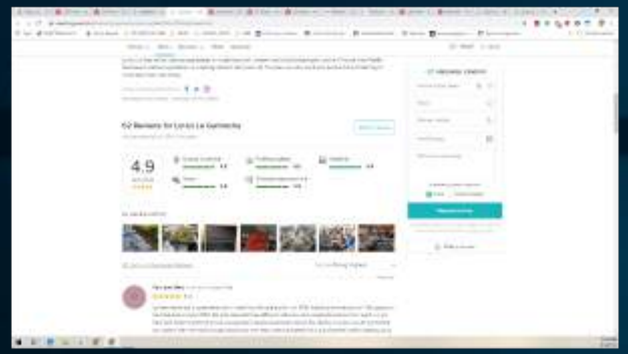
+ New Activity

Add New Activity

Activity Name | Create Activity | Cancel

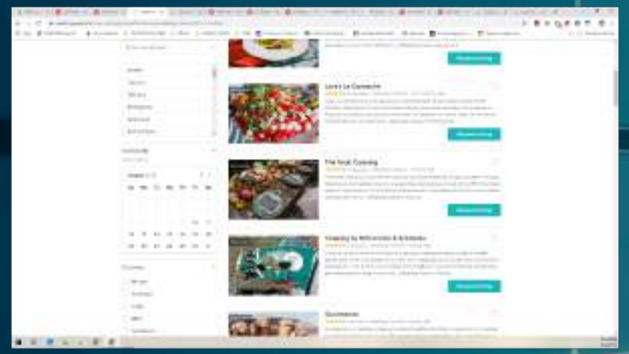
Suggestions

Create New Activity (3 tabs)



from **Wedding Planning**

Seattle Catering Ser... - Chrome



from **Wedding Planning**

Catering

Create Activity | Cancel

Wedding Catering S... - Chrome

Type here to search

7:25 PM
7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

Wedding Attire

New Activity

+ New Activity

Add New Activity

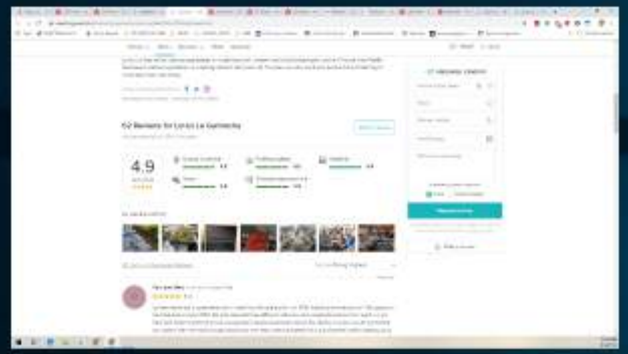
Activity Name

Create Activity

Cancel

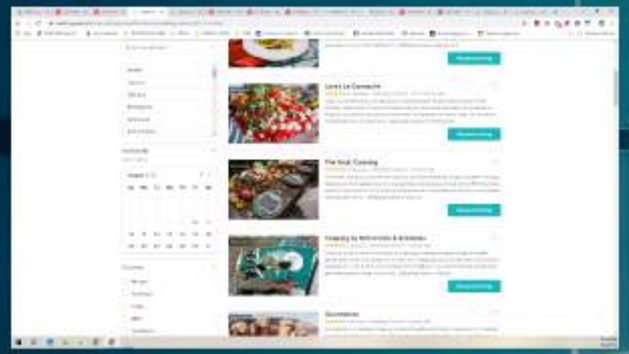
Suggestions

Create New Activity (3 tabs)



from **Wedding Planning**

Seattle Catering Ser... - Chrome



from **Wedding Planning**

Catering

Create Activity

Cancel

Wedding Catering S... - Chrome

Type here to search

7:25 PM

7/22/2019

Save State

View Suggestions

Activities

Wedding Planning

Work

Miscellaneous

Wedding Attire

Honeymoon

New Activity

Add New Activity

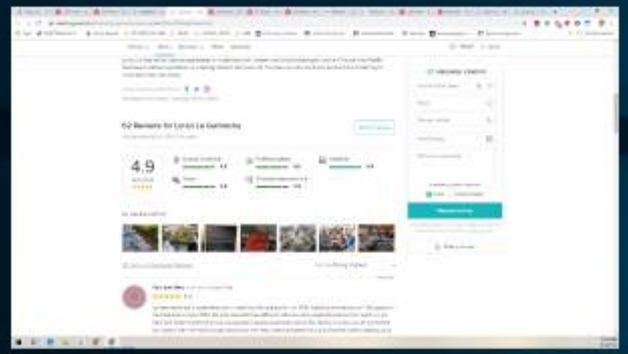
Honeymoon

Create Activity

Cancel

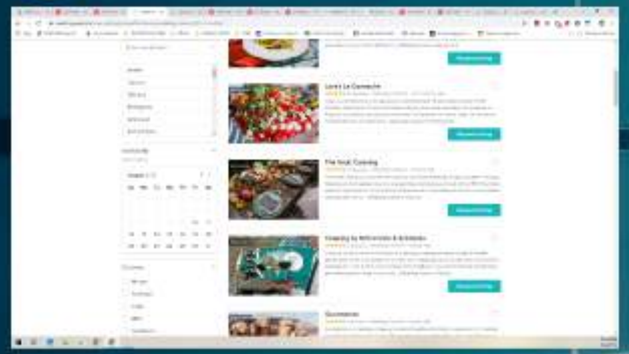
Suggestions

Create New Activity (3 tabs)



from **Wedding Planning**

Seattle Catering Ser... - Chrome



from **Wedding Planning**

Catering

Create Activity

Cancel

Wedding Catering S... - Chrome

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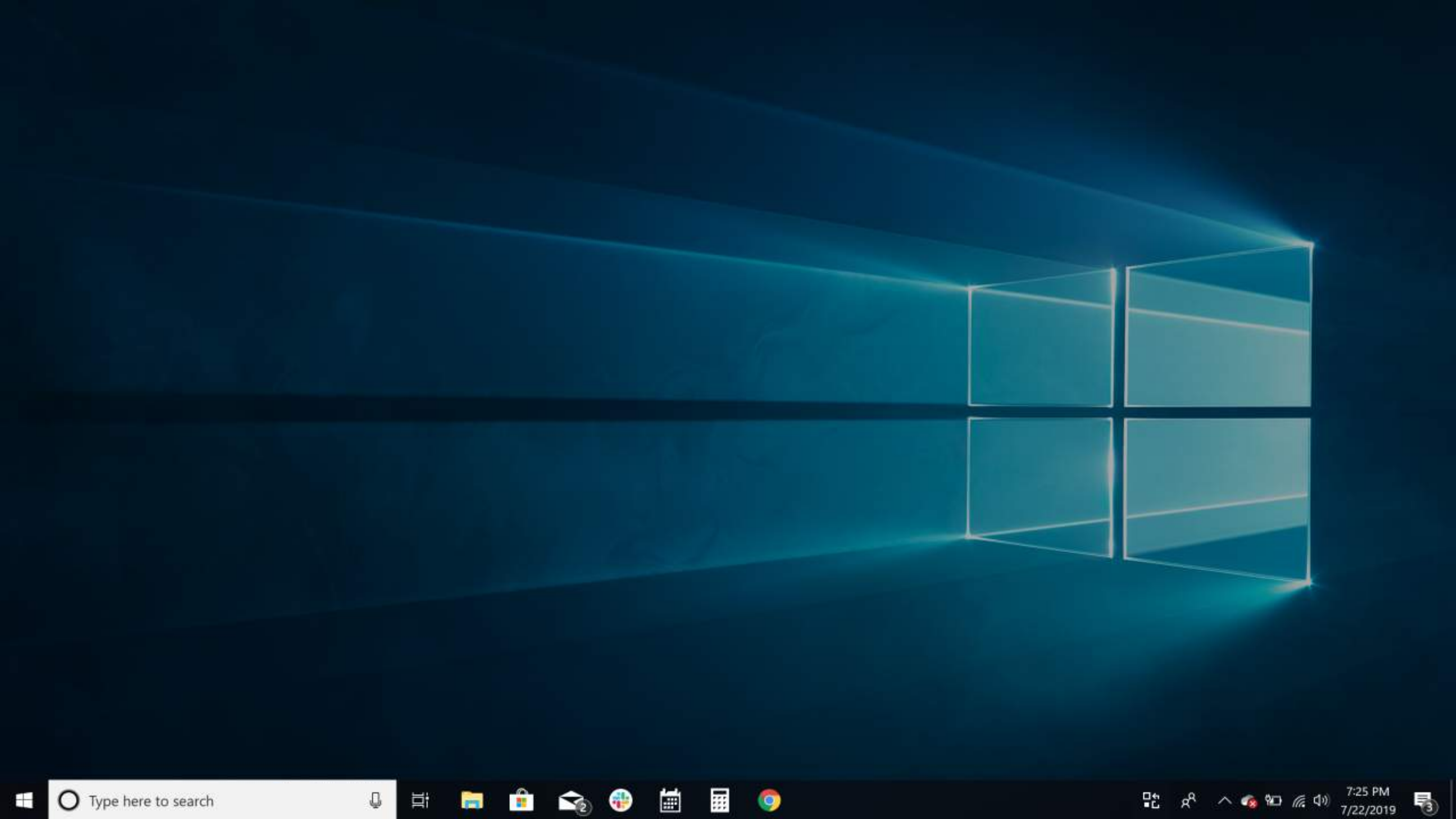
7/22/2019


Type here to search
7:25 PM
7/22/2019

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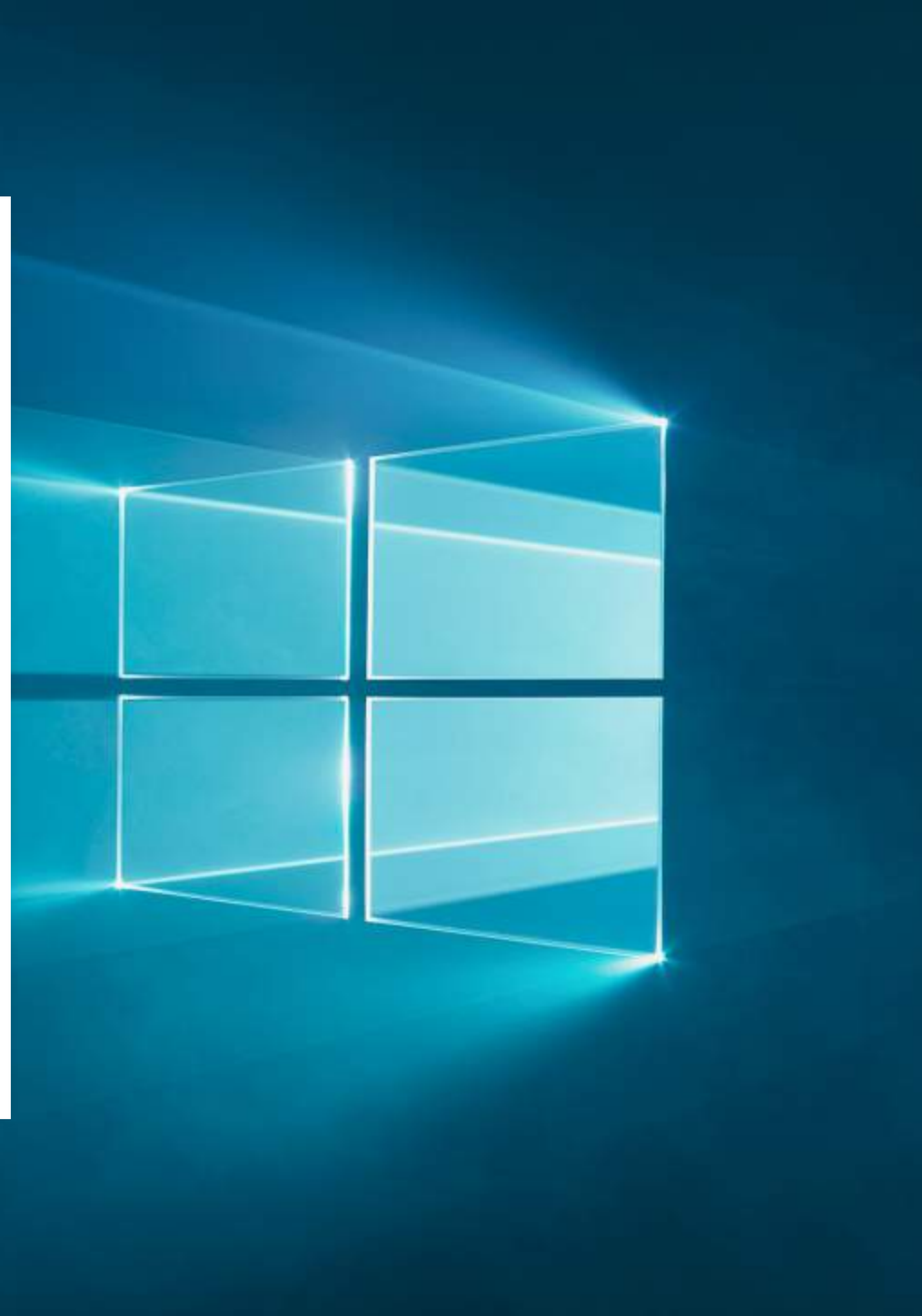
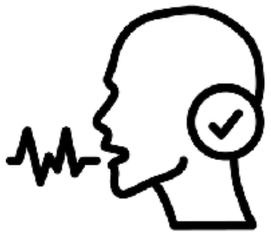


NEXT STEPS

HIGHLY REQUESTED FEATURES

NEXT STEPS

HIGHLY REQUESTED FEATURES



Voice control

Share & export

Multimedia memos

NEXT STEPS

HIGHLY REQUESTED FEATURES

Voice control

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NEXT STEPS

HIGHLY REQUESTED FEATURES

Voice control

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Multimedia memos

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DISTILLATION OF CAPSTONE

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DISTILLATION OF CAPSTONE

Design intervention needs to integrate with a user's digital ecosystem.

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Customization is important to personal productivity products.

THANK YOU

Q & A