

Anantha
Chickanayakanahalli



Product & New
Media Designer

Hi



I am Anantha. I love working with **data, graphics and problem solving.**

I have evolved in my career from designing educational tools to web products and to now new media and extended reality experiences.

When designing products experiences, I believe in asking ~~right~~ all the questions.

We are dealing with more copious information streams today than we had yesterday. Getting to **key data that matters** is at the heart of usable interfaces and is not easy. No wonder the 280 character format has been successful from a decade. We shouldn't be supplementing actual text with TLDR but rather the other way around. Progressively disclose information where required and on demand.

On a lighter note, Interaction Design is act of [reducing entropy of a system](#). Apart from my work, I am excited to how AI assistants will evolve. When I am not punching away keys or moving things with my mouse, I can be found listening to audio books or binging on tv shows and anime.

About me



EXPERIENCE (9+ Years)

- **OCAD University** (2022-Present)
Research Intern at Visual Analytics Lab
- **Honeywell** (2019-2021)
Advanced User Experience Designer
- **Mindtree** (2014-2019)
Design Consultant
(Awarded Outstanding Performer of the year 2017-2018)
- **Ideus Concepts** (2013-2014)
UX Designer
- **Symantec** (2011-2012)
UI Designer

EDUCATION

- **Ontario College of Art & Design University, Canada**
(2021-2023)
Master of Design in Digital Futures
- **Indian Institute of Technology Bombay, India**
(2009-2011)
Master of Design in Interaction Design
- **Bangalore University, India** (2003-2009)
Bachelor of Architecture

LANGUAGES

English, Hindi, Kannada

SKILLS

Interaction Design, Visual Design, Data Visualization, Sketching, Storyboarding, Card Sorting, Information Architecture, UX Strategy, Contextual Inquiry, Responsive Web Design, Prototyping, Persona mapping, Wireframing, User Journey Mapping, Authoring Style Guides, XR Design

TOOLS

Adobe Creative Suite (Photoshop, Illustrator, Primiere, XD, Aero), Sketch, Figma, Axure, Zeplin, P5JS, Arduino, HTML/CSS/JS (beginner), Unity, Blender

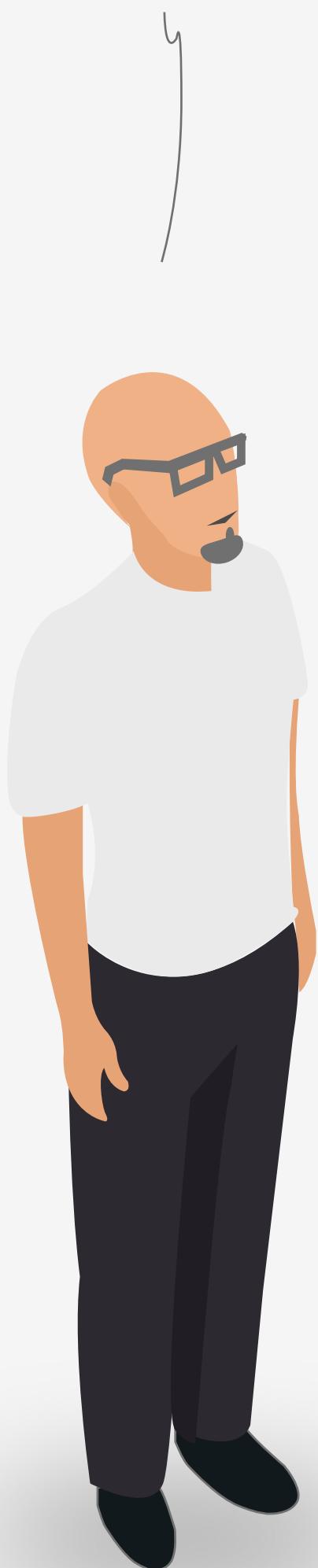
PERSONALITY

Self-organized, result-oriented, fast learner

CONTACT

- anantha.ocad@gmail.com
- linkedin.com/in/ananthac
- +1-(905)-781-6924
- Toronto, Ontario
- rewritablehere.github.io/folio

Some work teasers



PROJECT 1

-  **Airport Gates Operating System** - UX Research | Interaction Design | Visual Design | Prototyping | User Testing

PROJECT 2

-  **IAQ Monitoring** - UX Design | Visual Design | Prototyping

PROJECT 3

-  **Contract Management System** - UX Research | Interaction Design | Visual Design | Prototyping

PROJECT 4

-  **Mixed Reality Folktales** - AR Installation | 3d

PROJECT 5

-  **Type Of The Day** - Game Design | 3d Modelling |

PROJECT 6

-  **Step-In-Step-Out** - Tangible Installation | Concept |

UX
Design
Projects

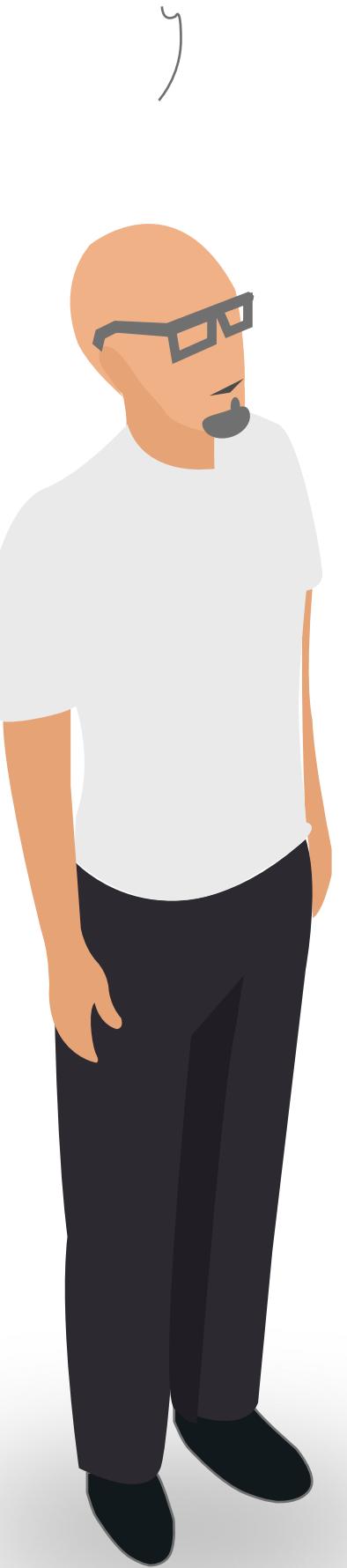
New Media
Design
Projects

Airport Gates Operating System



User Experience Design

Apron Controllers are the primary persona for this tool and they manage the sequence of startups and pushbacks and route the aircraft to an agreed position adjacent to or on the taxiway. They route the aircrafts to their designated parking stand. Some airports require apron control because of the layout, where the Tower controllers cannot clearly see the Apron situation.

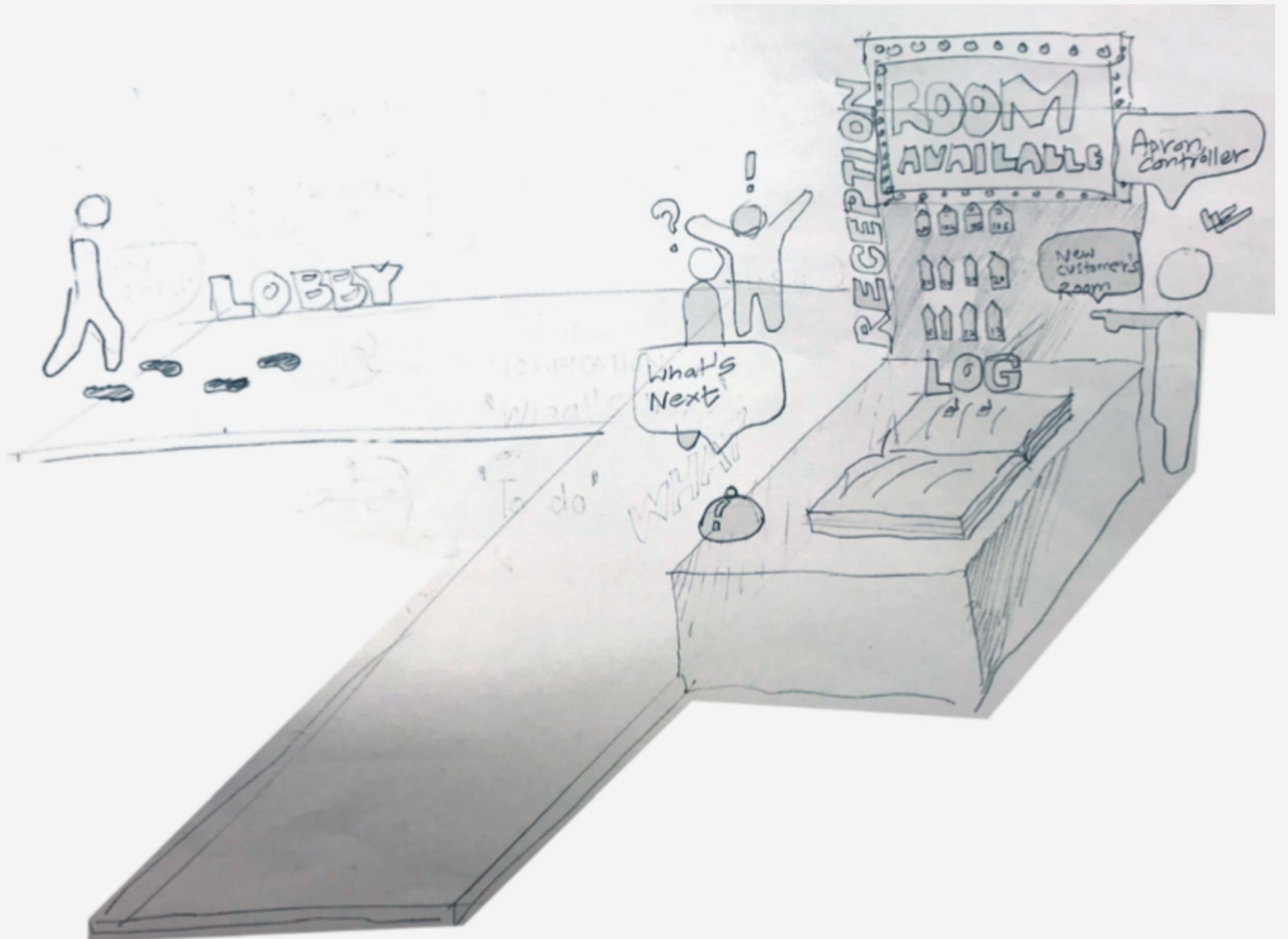


Airport Gates

Controller is similar to a Hotel Lobby Manager



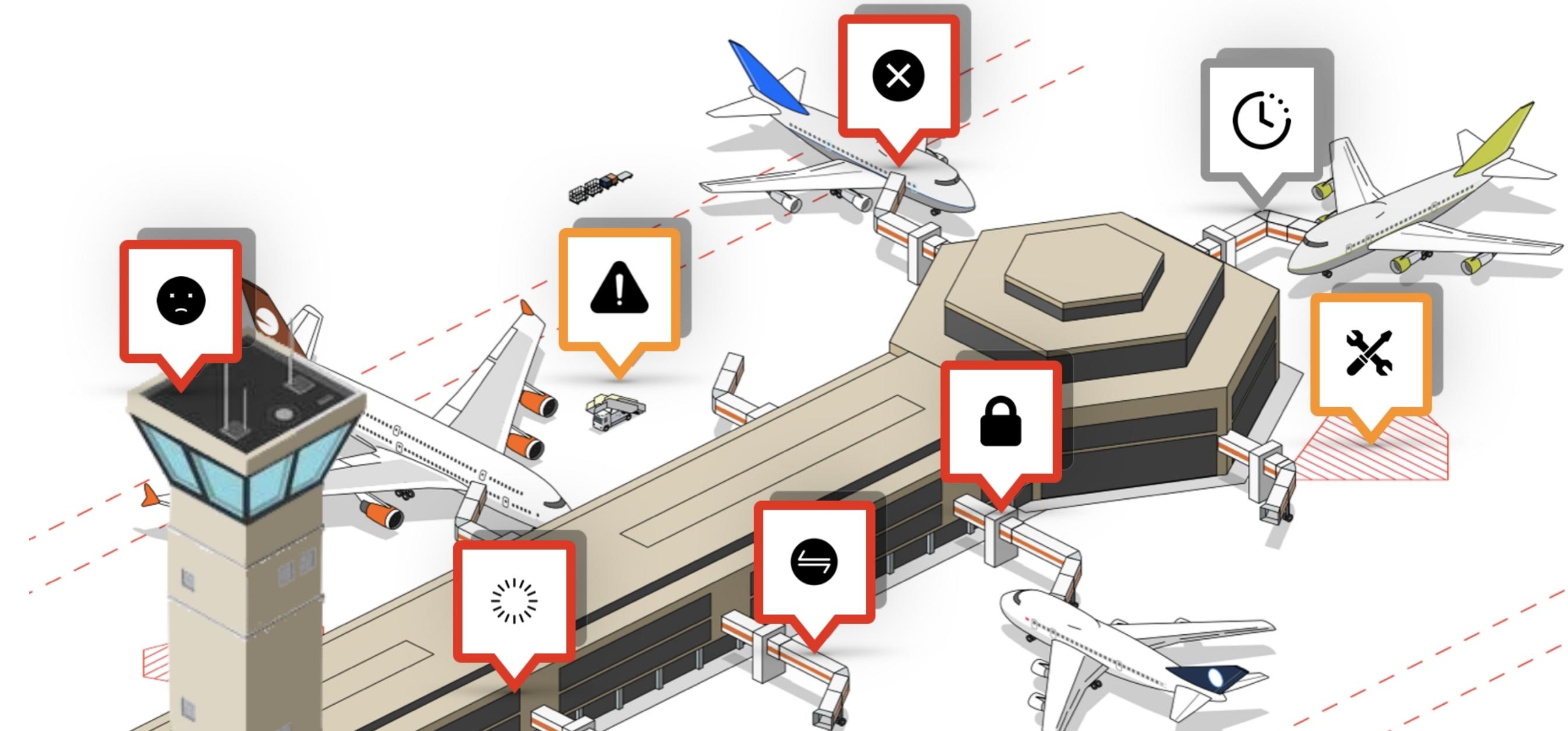
Someone is waiting (some are done waiting),
allocating new rooms,
making a list of available rooms,
taking down requirements,
first best option,
next best option,
customer is not checking out on time (overflowing)



Making sure a controller can look at multiple gates and get into nittigrities of each gate, see which flights are upcoming for it, whilst being able to multitask with assigning actions to ground safety equipment staff, pilots, bridge controllers without being overwhelmed.



Journey Map

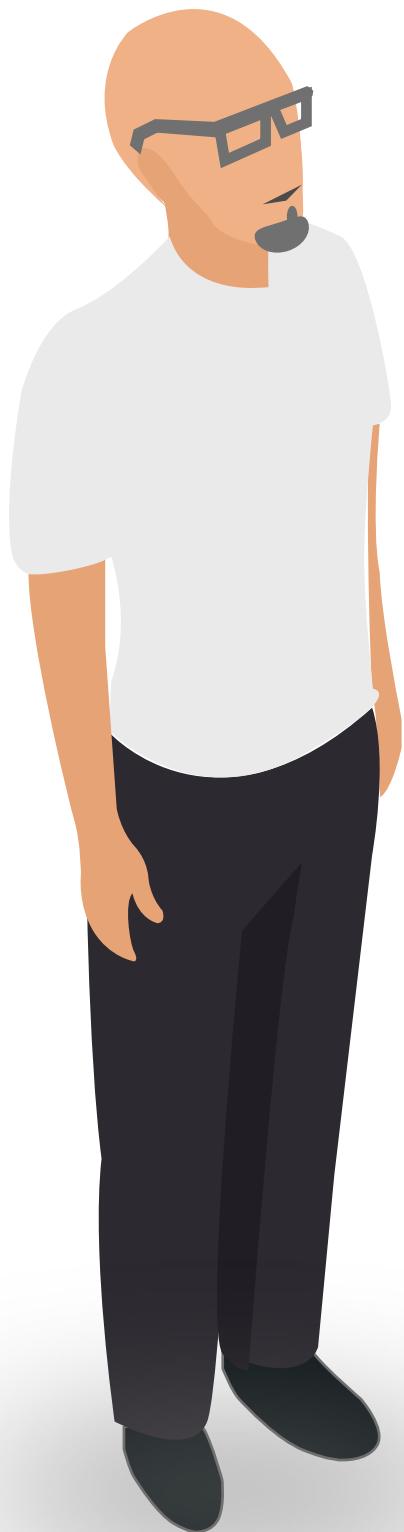


Enabling smooth turnaround of flights at airports operated by Apron Controller who manages traffic in the gates/aprons, the Gates Operating System provides alerts and controls to mitigate and tactically solve problems.



Case Study

Tools used



The screenshot displays the GOS software interface. On the left, a sidebar lists events and alerts, including:

- B2 | FREE: STOP (08-02-20 | 03:04:00 UAE200)
- Maintenance A4 (08-02-20 | 03:04:00 UAE200)
- Camera Failure D2 (08-02-20 | 03:04:00 UAE200)
- Change in allocation plan F57 (08-02-20 | 03:04:00 UAE200)
- Camera Failure B2 (08-02-20 | 03:04:00 UAE200)
- Adjacent Stand Conflict C57, C58 (08-02-20 | 03:04:00)
- B3 | FREE: ESTOP (08-02-20 | 03:04:00 UAE200)
- Maintenance A4 (08-02-20 | 03:04:00 UAE200)
- Camera Failure D2 (08-02-20 | 03:04:00 UAE200)

The main area shows a map of TERMINAL-A with several aircraft icons. A dashed box highlights a specific area where an aircraft is docked. Control buttons for "FORCE ON-BLOCK" and "ACTIVATE DOCKING" are visible. On the right, a detailed status panel for gate B4 shows various equipment statuses:

| Equipment | Status | Details |
|-----------|------------|---------------|
| ESTOP | Off | EIBT 09:40 |
| CHOCK | On | A340W A6EDD |
| N/W | Connected | EIBT 10:20 |
| GPU | Connected | A340W A6EDD |
| IPU | Connected | QFA140 |
| Fuel Lid | Closed | EIBT 11:10 |
| DGS | Connected | B773 A6EDD |
| SCL | Off | B773 A6EDD |
| PBB1 | Pos 1 | QFA141 |
| PBB2 | Base | SOBT 14:40 |
| PBB3 | Rolled out | B773 A6EDD |

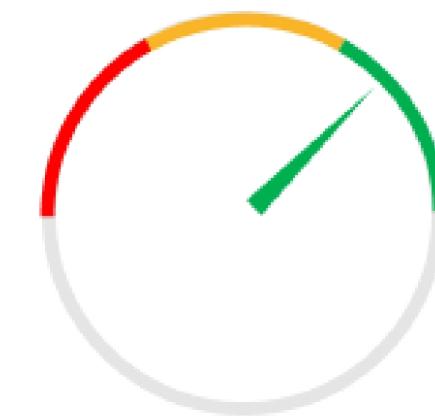
Buttons for "FREE" and "ACTIVATE" are located at the bottom right of the panel. At the very bottom, a footer bar shows counts for E-Stop, Occupied, Maintenance, Faulty, Alerts, Free, and All.

Indoor Air Quality Monitoring Ecosystem



User Experience Design

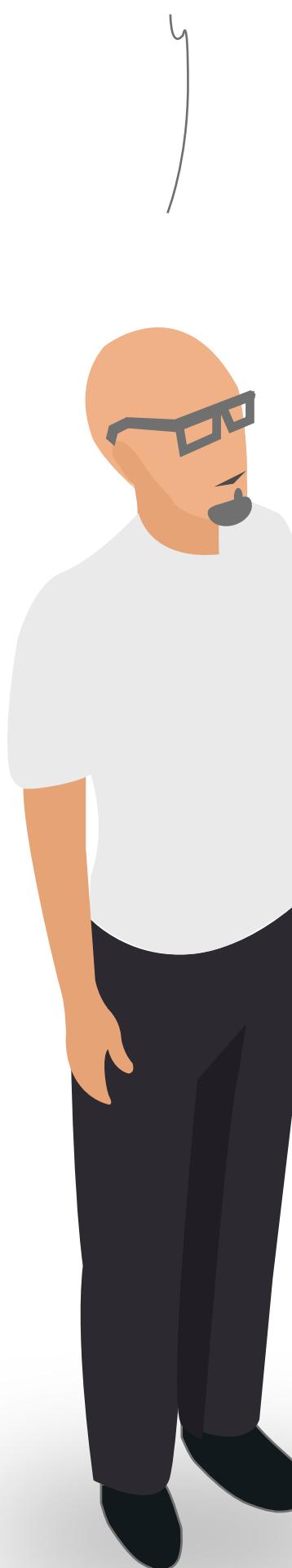
How do we ensure user
is not overwhelmed
looking at all the data?



Air Quality Index

X 18

Responsive Indoor Air Quality (IAQ) monitoring **master dashboard** that gives different levels of information about accounts and sites to the super admin. Navigation is toned down. The KPIs are placed to stand out.



Responsive Indoor Air Quality (IAQ) monitoring **master dashboard** that gives different levels of information about accounts and sites to the super admin. Navigation is toned down. The KPIs are placed to stand out.

The dashboard features a dark-themed header with a search bar and navigation tabs: Notification (selected), Messages, Schedules, Air Quality, Device Performance, and Orders.

Notification: Shows 480 All notifications, 10 Partners, and 6 Key Accounts. Below this, there are six ticket entries, each with a status icon (red, green, yellow), ticket ID, client name, and subject, followed by edit and delete icons.

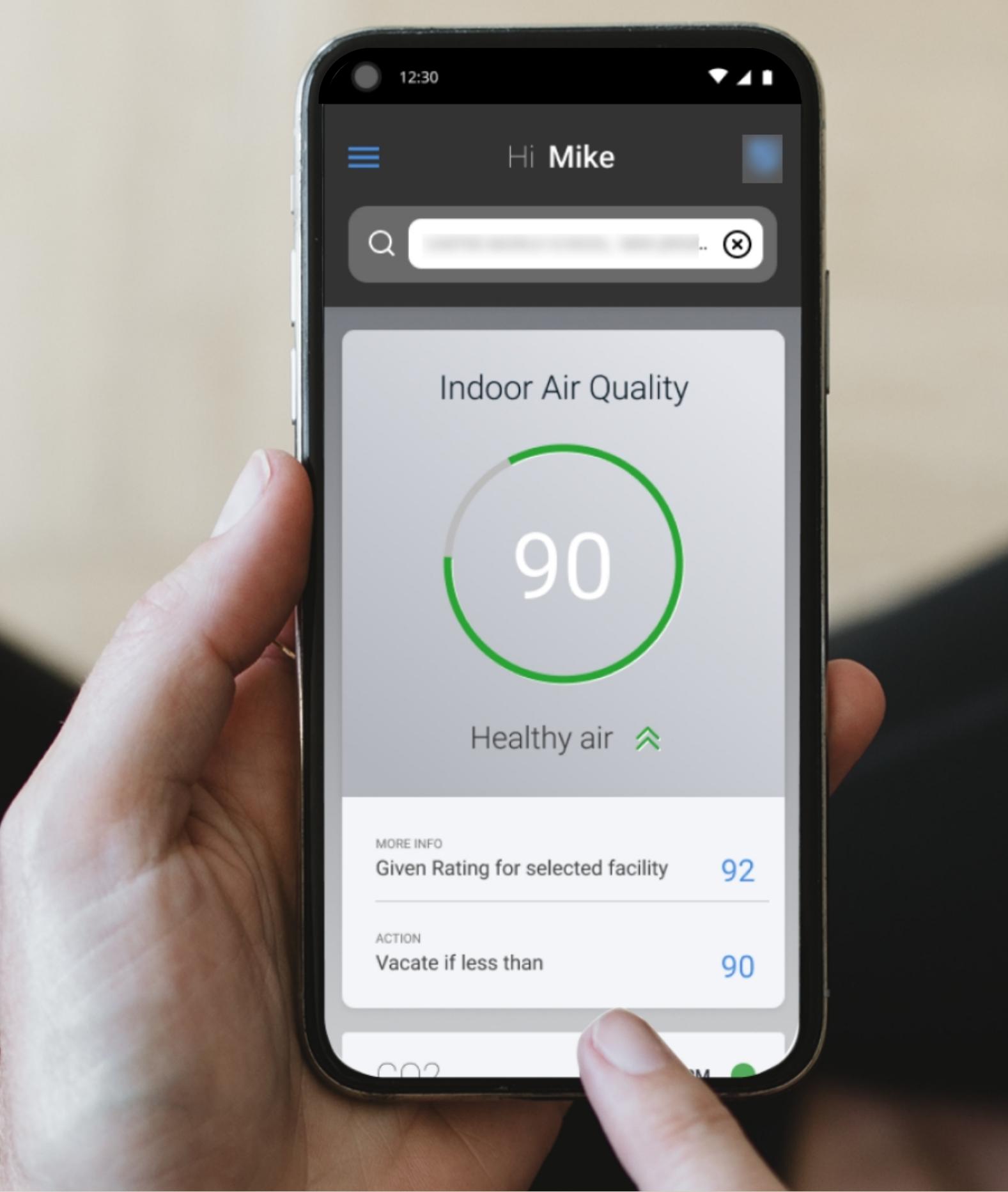
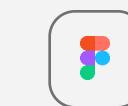
Business Performance: Two donut charts showing "Share of Business per vertical" and "Share of Business per region". The vertical chart includes categories Type A (green), Type B (red), Type C (blue), Type D (orange), and Type E (grey). The regional chart includes categories Type F (purple), Type G (pink), and Type H (magenta).

Footer: © 2021 Company. All Rights Reserved.

| Category | Value |
|-------------------|-------|
| All Notifications | 480 |
| Partners | 10 |
| Key Accounts | 6 |
| User Accounts | 465 |
| Portfolio | 63 |
| New Project | 24 |
| After Market | 75 |
| Light Commercial | 15 |
| Transport | 230 |
| Public | 33 |

For a **Facility Admin Dashboard** site info. along with the equipment statuses and allowing to follow up on any tickets raised by them are important to them.

Tools used



The dashboard interface includes:

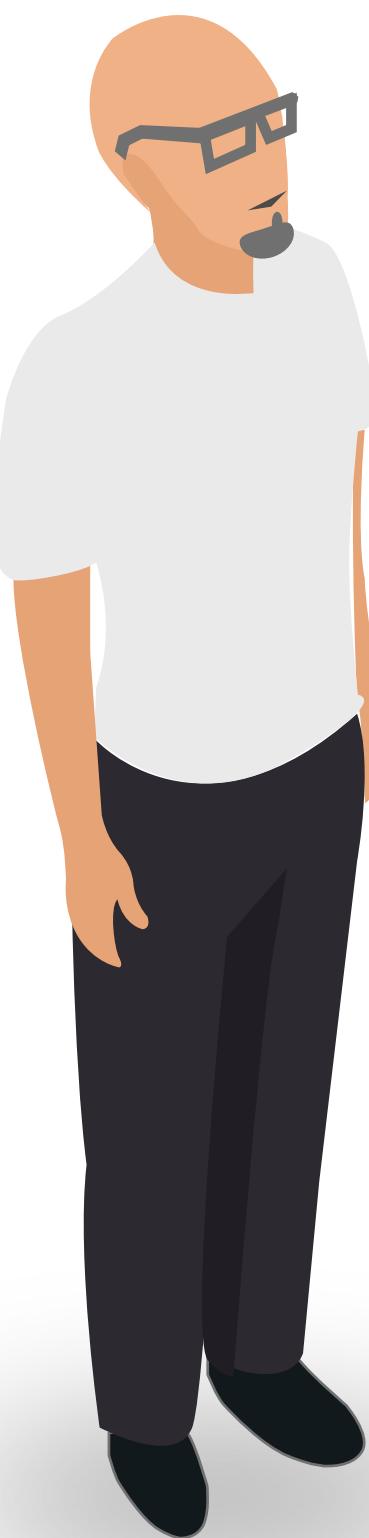
- Buildings:** Harvey Specter Admin, Buildings, All, Building 1, Zone 1, Zone 2, Zone 3, Zone 4, Building 2, Building 3, Building 4.
- Customer/Site:** 3 campuses, 4 Buildings New Construction.
- Device Status:** Device U124232 PORTU03, Device U124232 PROU02, Device U124232 IDI01, Device U124232 BOSS01.
- Air Quality Status:** Indoor Air Quality (AQ Index: 73, Temperature: 73°F, Humidity: 45%), Outdoor Air Quality (AQ Index: LOW, Temperature: 73°F, Humidity: 45%).
- Metrics:** Indoor Air Quality (Oxidants: 73 ppb, CO: 1250 ppm, TVOC: 900 µgm/m³, PM2.5: 80 µgm/m³, PM10: 96 µgm/m³), Outdoor Air Quality (Flu Index: High CO2: Increased occupancy, High PM2.5: Check air filters).

Contract Management System



User Experience Design

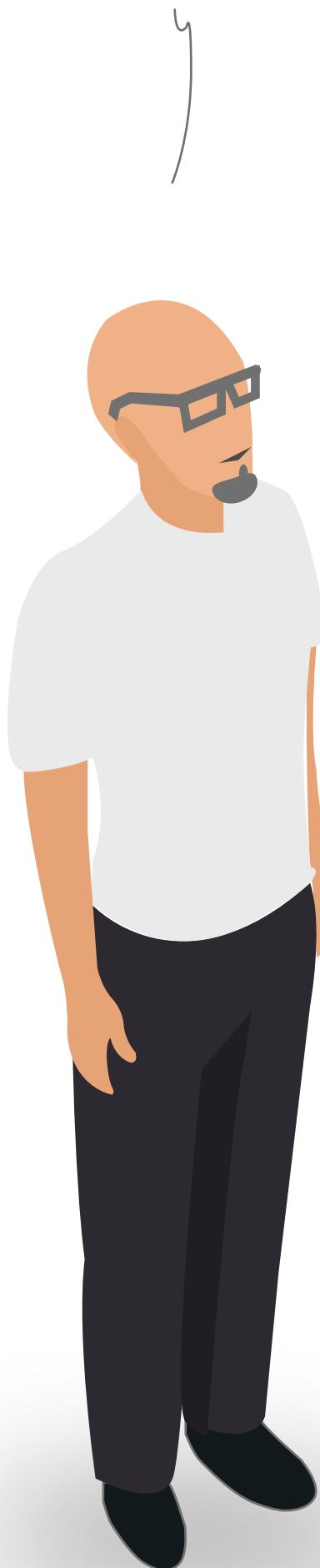
Now that AI is here, why
do we need Lawyers?



Not so soon..

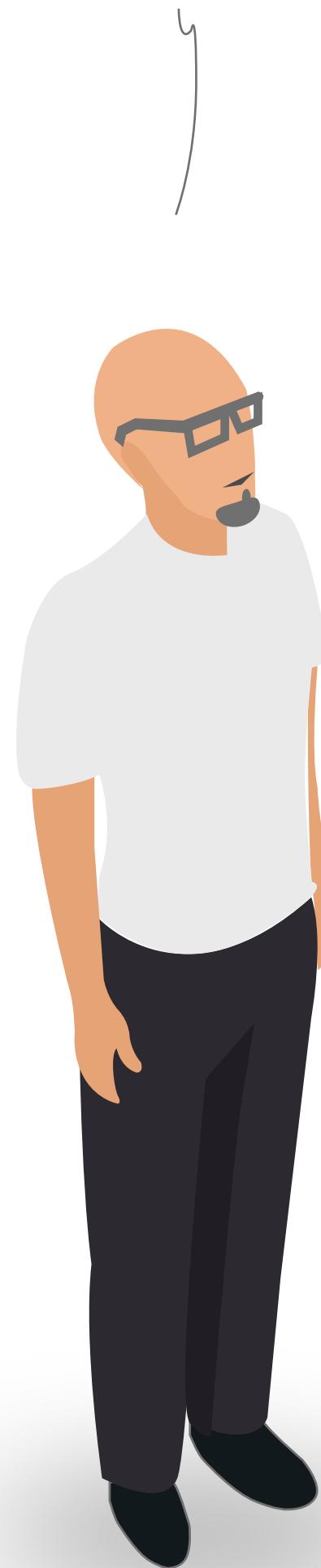


Finally contracts come down to words being intelligently arranged



- edit
- componentize
- share
- get feedback for an excerpt
- automate and prefill content into an excerpt
- move things around
- work with versions (this save key conversations and proposed changes/modifications lost in emails)
- search and replace names/objects/keywords
- hide/show/blur where required
- work with content smartly, highlight the consequences of content (helps save time and money for client and owner)
- identify crucial keywords that can make or break risk present in this
- I may not have time and patience in going over the full matter over and over again which is present in an excerpt (highlight what's changed)
-

A tool for drafting your contracts objectively and filling in as little information as possible. Let the system fetch, pre-fill and automate your documentation work leaving you to think about the language necessary to keep you off liability and risk as much as possible.



invis.io/E510NI7R7JY4
(password: iac)

The screenshot shows the homepage of the drafto website. At the top, there is a red circular icon with a white globe symbol. To its right is the URL invis.io/E510NI7R7JY4 and the password "(password: iac)". Below the header, the word "drafto" is written in a large, lowercase, blue serif font. To the right of the logo are two buttons: "EXISTING USER" and "NEW USER". The main content area features the heading "Intelligent Automation of Contracts" in a bold, dark font. Below it is the subtext "Access ready made contracts & build away custom agreements effortlessly". A blue "GET STARTED" button with a white arrow is positioned below this text. The background of the main content area shows a top-down view of a desk with a laptop displaying a chart, a calculator, a notebook with handwritten notes, a small potted plant, a coffee cup, and a pen.

The tool enables you to **create and format documents** giving closest representation of a situation or reality that can be agreed upon by more than one person. At the core, it is a word processor that helps you string words together in an effective way.



Tools used



The screenshot shows the drafto software interface. At the top, there's a header with the date "20 MAR 2018", a progress bar "10/10", and a user profile icon with a red notification badge "1". Below the header, the main area is titled "drafto" and shows a "Versions" section. It lists a single version "1.0" created by "2 CONSULTANTS" on "01 Jan 2018" with a "Last Change" on "19 Apr 2018". The status is "Not Approved". The interface includes filters for "Shared date", "Last Change", "Clauses Shared", and "Status". A "SHARE" button is also present. Below the version list, there's a section titled "Showing Edits (4)" which displays a list of changes made by "Meena Kumari" on "01 Jan 2018 - 04:33:01 IST". The changes include additions and deletions of text related to family structure and internet penetration. The sidebar on the right shows navigation links: "QUESTIONS", "PRINT PREVIEW", "REMINDERS" (with 4 items), and "VERSIONS" (with 1 item). The "VERSIONS" link is highlighted in blue.

first floor
the "LEASED PREMISES" and the LESSEE has
and conditions:
NOW THIS DEED WITNESSETH AS UNDER:
1. That the lease is for a period of 12 Months commencing from 2
2018 and ending on 24 March 2019
2. That the LESSEE shall pay to the LESSOR a monthly rent of 45000

1/6 Page(s)

k < > l

Print Preview
he Wizard will ask you a series of questions and using your answers provide you with a
contract. Filter the contract types by their grouping and identify which one suits your need.

Copyright © 2018

Print Preview

Print

Mixed Reality Folktales



New Media Design



youtu.be/MhQEYtDM5Wo



<https://adobe Aero.app.link/uXCAgWZfDub>



)

Storytelling

Using existing media

folklore

Search/Identify

Reviving

Store/archive

Mixed Reality Folktales

turn-based/interactive

Location-based

Discover

New Media

**Crowd
sourcing**

This AR project makes the viewer a part of the story by creating triggers for different acts of the storyline; based on their interaction, the story progresses.

Tools used



Different acts in the storyline



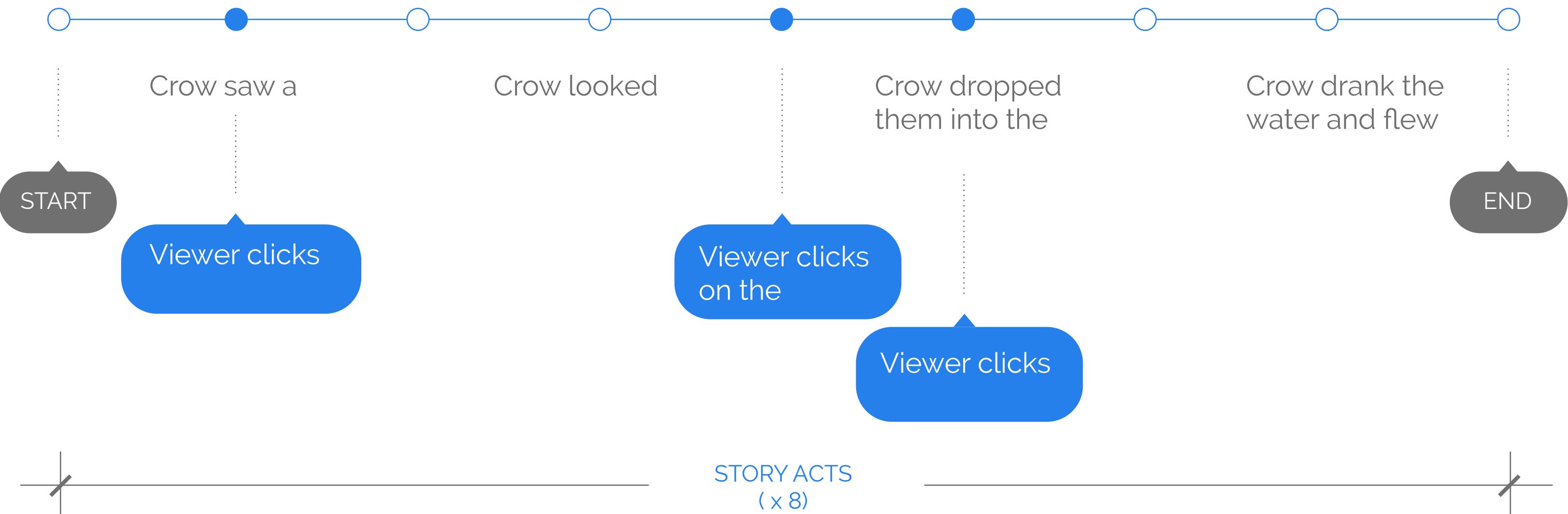
Once there was a
thirsty crow who

There was a little water in it
but it was at the bottom of

Saw some small

Soon, water came

Moral of this story is
that every problem
has a solution



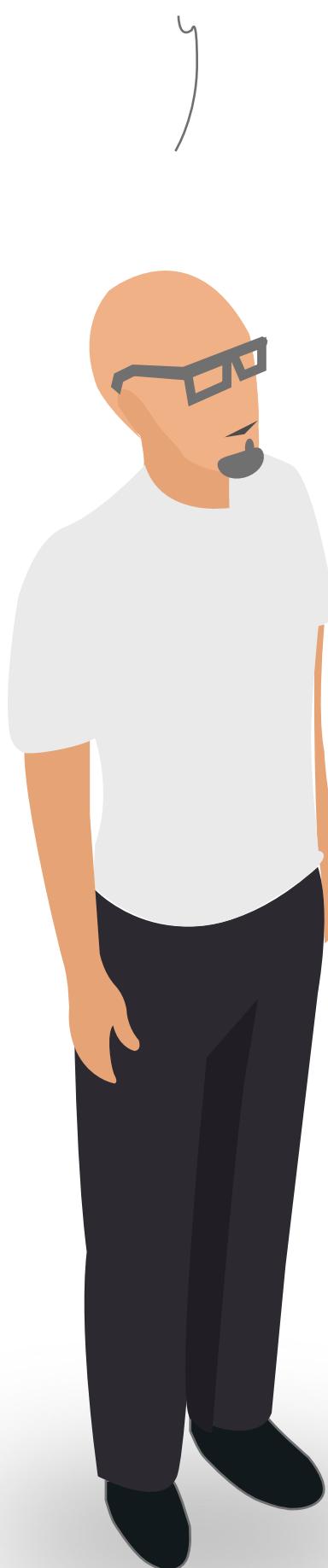
Type of the Day



New Media Design

Have you played a
typing game before?

Try it here..



Download the zip and play on a
windows machine..

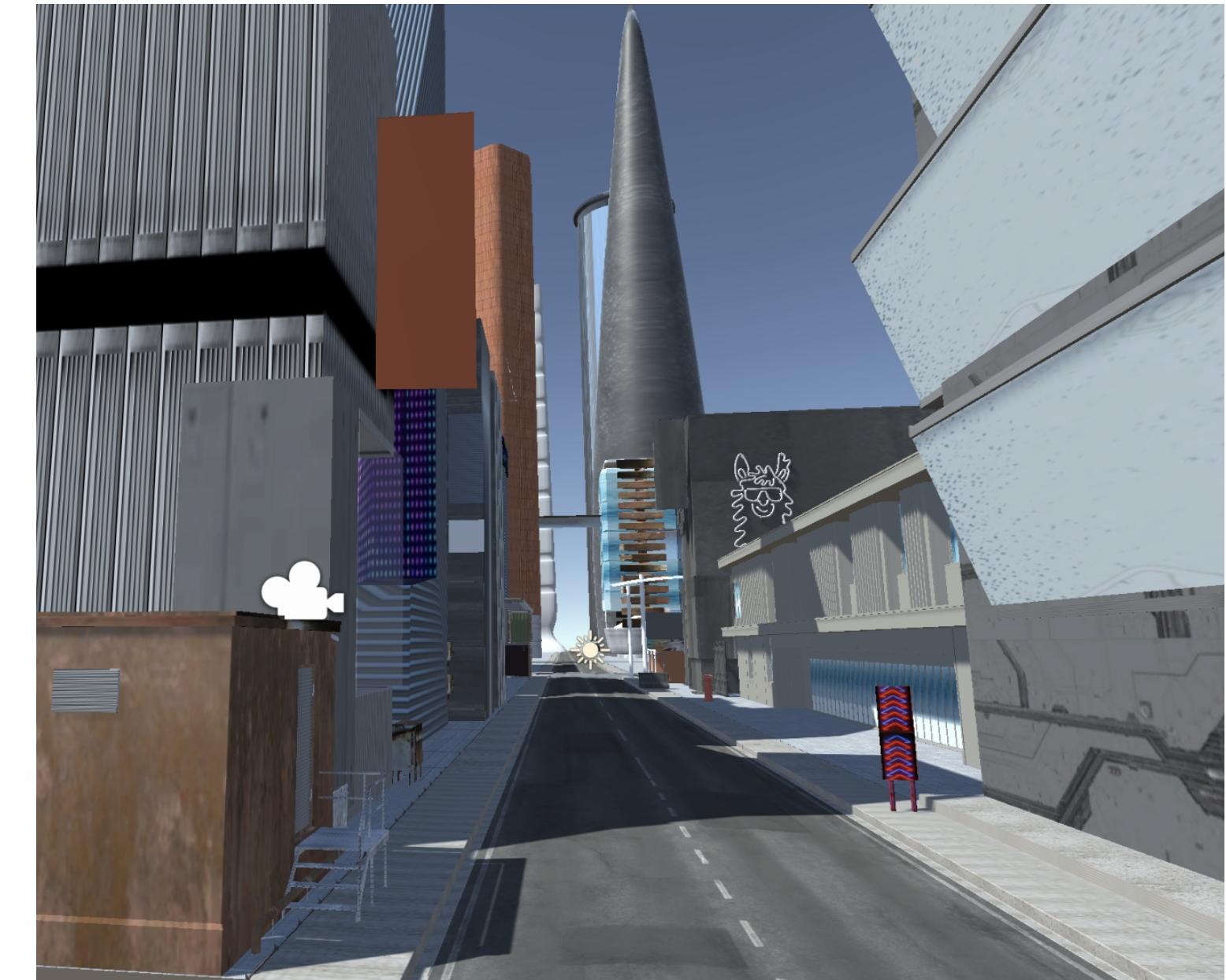
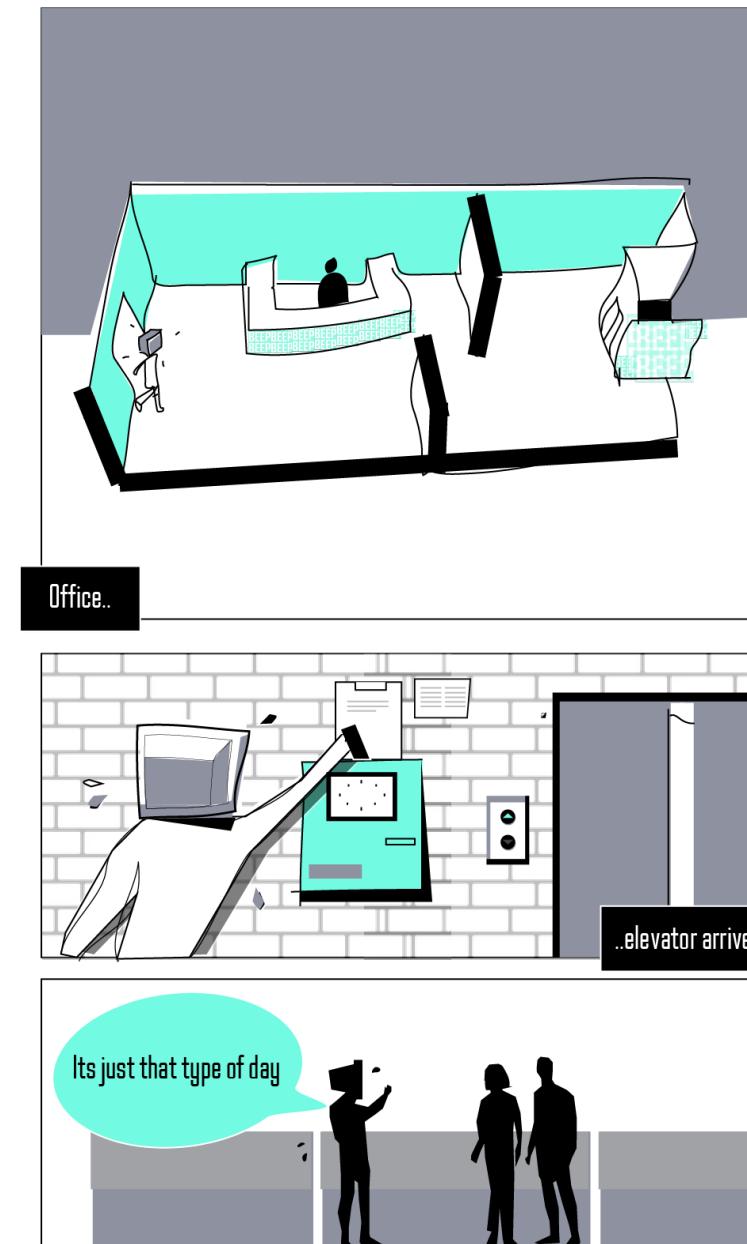
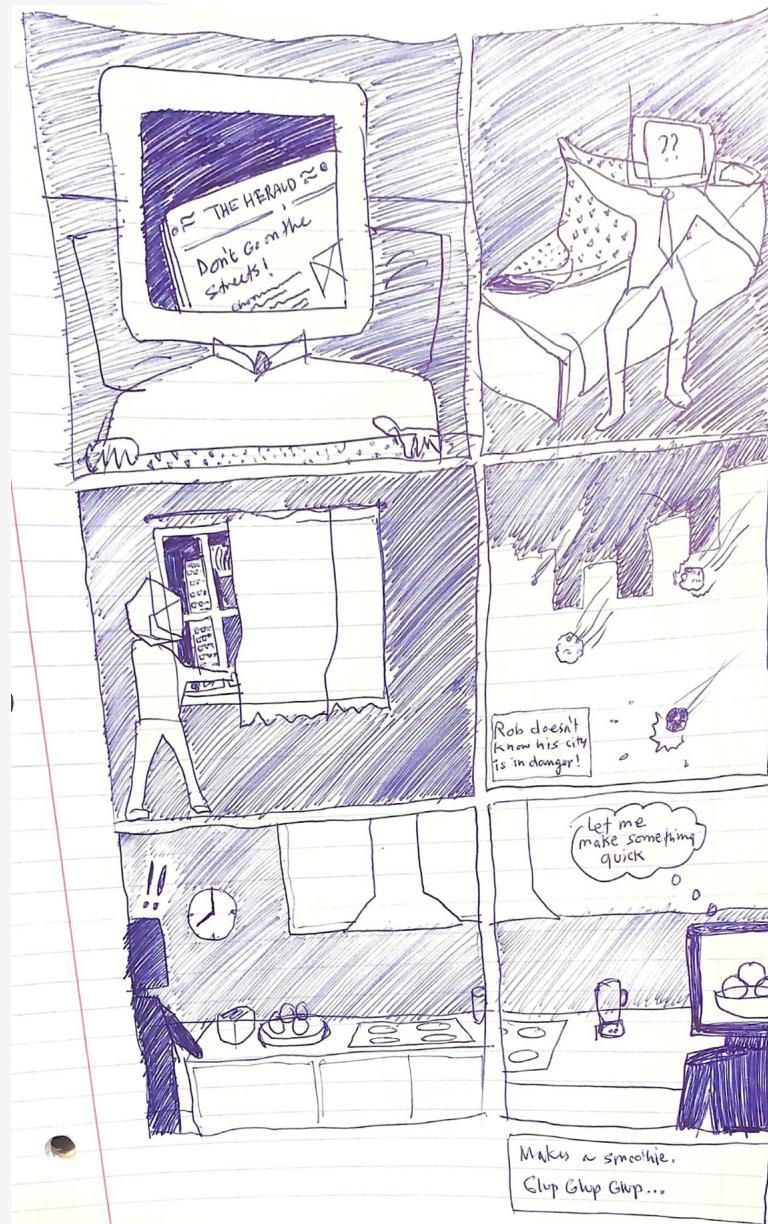
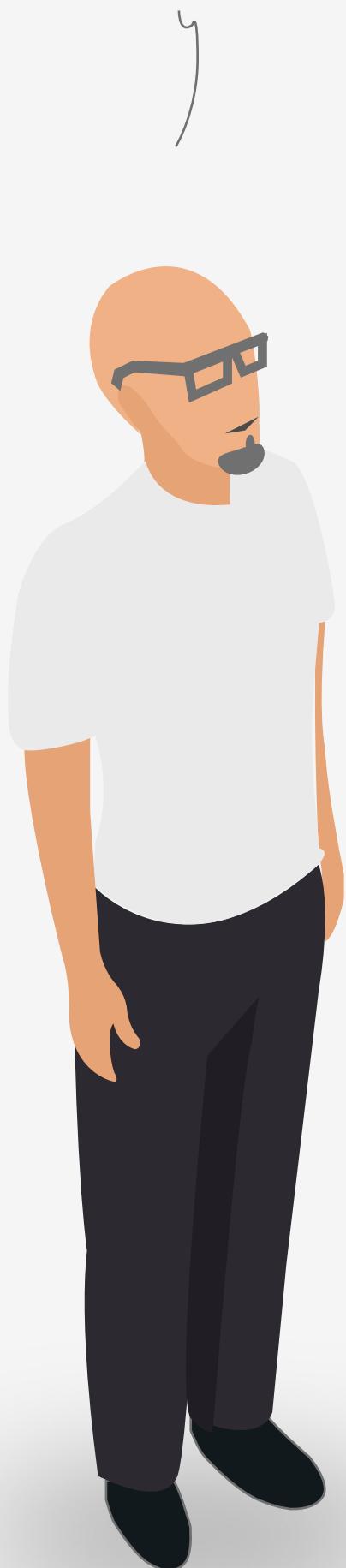


<https://kevinding.itch.io/type-to-win>



<https://youtu.be/enNRQzSwlbM>

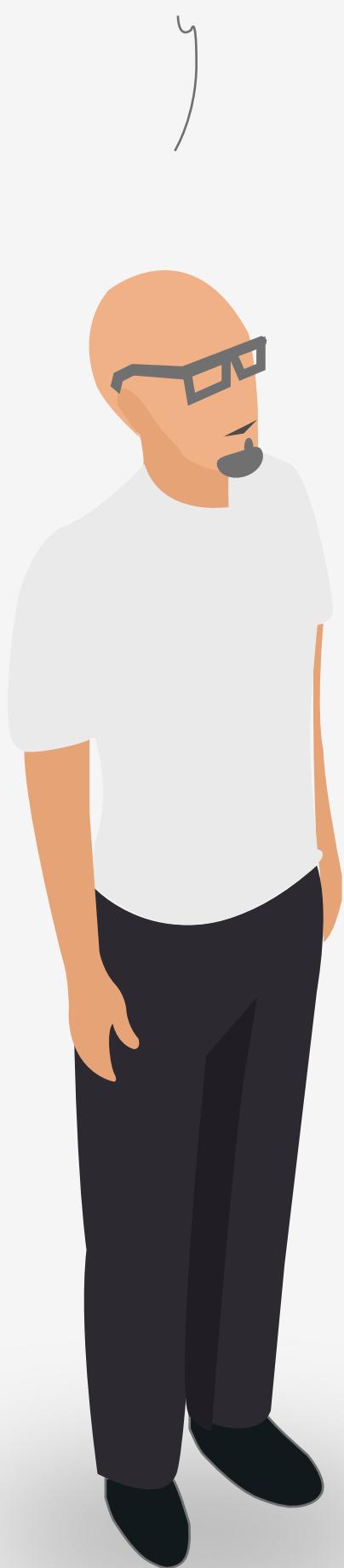
Helped with cutscene
and modelled the
tutorial and Level 1



Tools used



We developed a single player **typing adventure game** called [Type of the Day](#) which is a typing game on adrenaline. The name started with was 'Type-to-win' but became 'Type of the day' because the character was going to experience an abnormal normal day.



Team

Xuyan Ding (Kevin), Le Shen, Javan Graham, Jia Zhao, Shannen Guntoro, YunTing He, Anantha Chickanayakanahalli

Playtesting

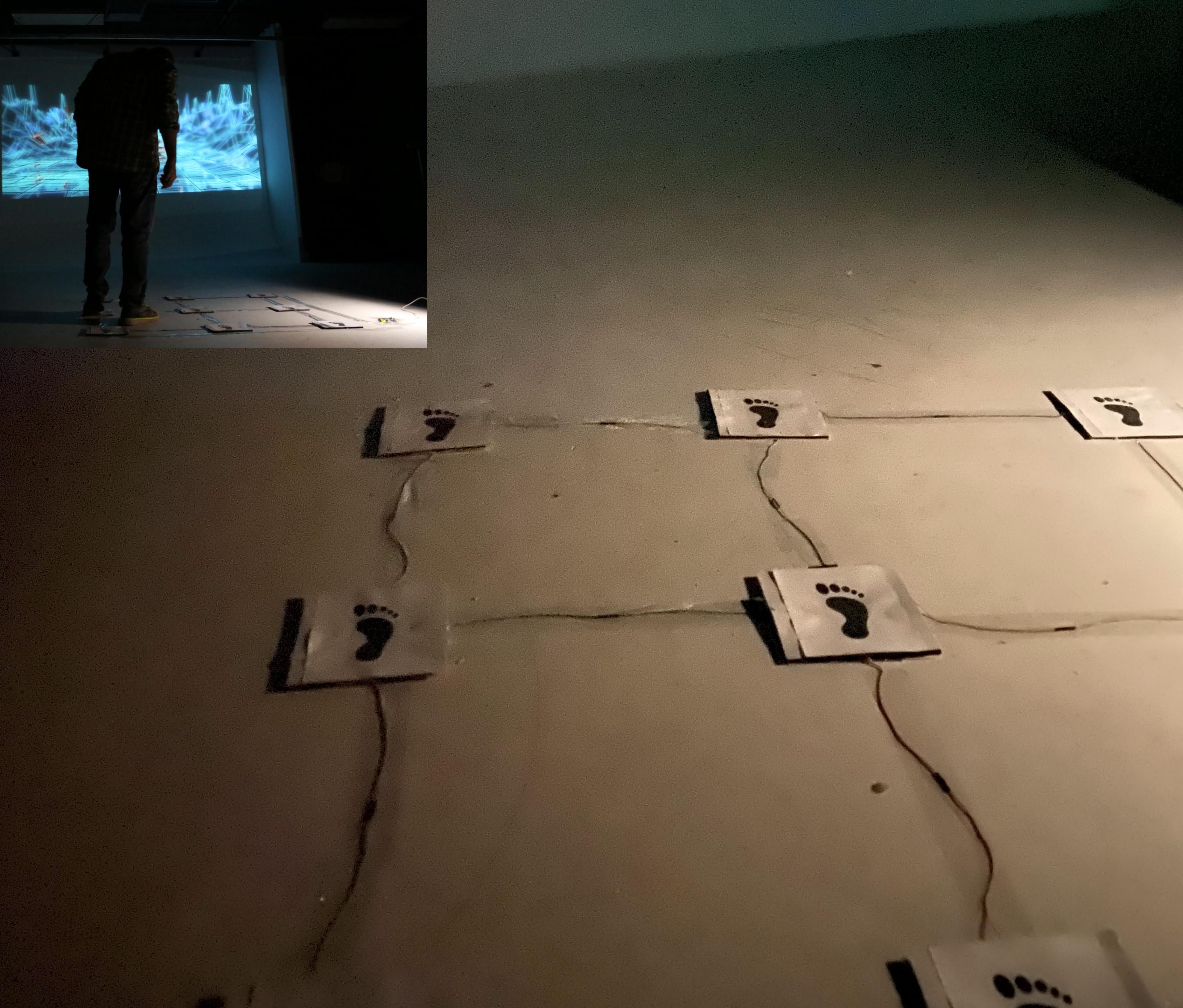
[University of Toronto Game Development Club](#)
[& Ubisoft](#)

Step In Step Out



New Media Design

Step In Step Out



Team

Shuting Zhou, Prayag Ichangimath, Aaditya Vaze,
Anantha Chickanayakanahalli

We created a **tangible installation** that changes visualization and plays funny sounds upon stepping on the tiles. It behaves like the Dance Dance Revolution arcade machine.



[https://github.com/rewritablehere/digitalfutures/
tree/main/StepInStepOut](https://github.com/rewritablehere/digitalfutures/tree/main/StepInStepOut)

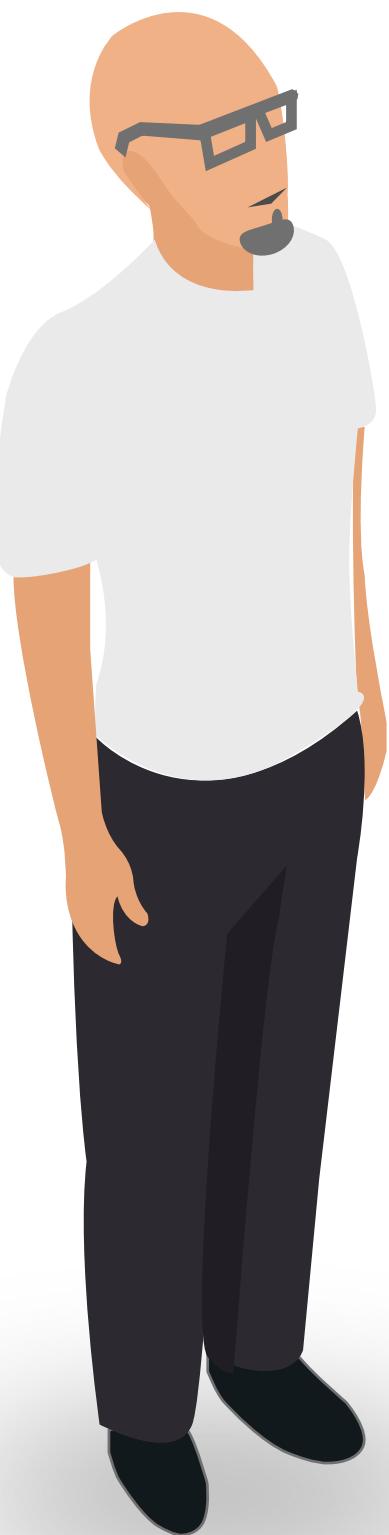


youtu.be/5xuYQlVcGq8

Tools used



Thank you for **your time!**



anantha.ocad@gmail.com



twitter.com/@rewritablehere