

spex
The Mixed Reality Skill Sharing Network



Eduardo Paz • Jennifer Morehead • PJ Rodriguez



AR Glasses
Screen No. 12345

Item Name	Price	Quantity
Item 1	10.00	1
Item 2	20.00	2
Item 3	30.00	3
Item 4	40.00	4
Item 5	50.00	5
Item 6	60.00	6
Item 7	70.00	7
Item 8	80.00	8
Item 9	90.00	9
Item 10	100.00	10
Item 11	110.00	11
Item 12	120.00	12
Item 13	130.00	13
Item 14	140.00	14
Item 15	150.00	15
Item 16	160.00	16
Item 17	170.00	17
Item 18	180.00	18
Item 19	190.00	19
Item 20	200.00	20

AR Glasses
Screen No. 12345

A person is walking through a modern office space. The office has large windows on the far wall, and several desks with chairs are visible. The lighting is dim, and the overall atmosphere is professional and focused. The word "Challenge" is overlaid in the center of the image.

Challenge

Problem

Adjusting to new tools and software in a professional environment can be challenging. Looking for help in the internet is often time consuming and disrupts the productivity of employees.

How might we provide an efficient and collaborative way for people to learn new skills, without disrupting their workflows?

How do people learn new skills now?



Finding the right content is time-consuming and inefficient

“Allowing learners to directly visualize, manipulate, and interact with complex structures reduces cognitive load”

McKinsey & Company study in collaboration with Microsoft



48%

Of students claim the pandemic has worsened their ability to remain focused & engaged.

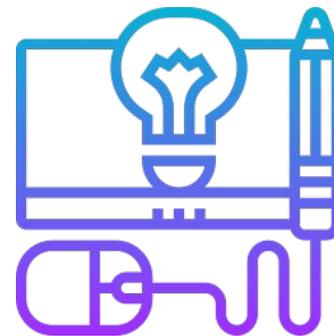
*Economist Intelligence Unit Report
Sponsored by Microsoft*



35%

Increase in engagement and retention when learning with immersive and 3D technologies

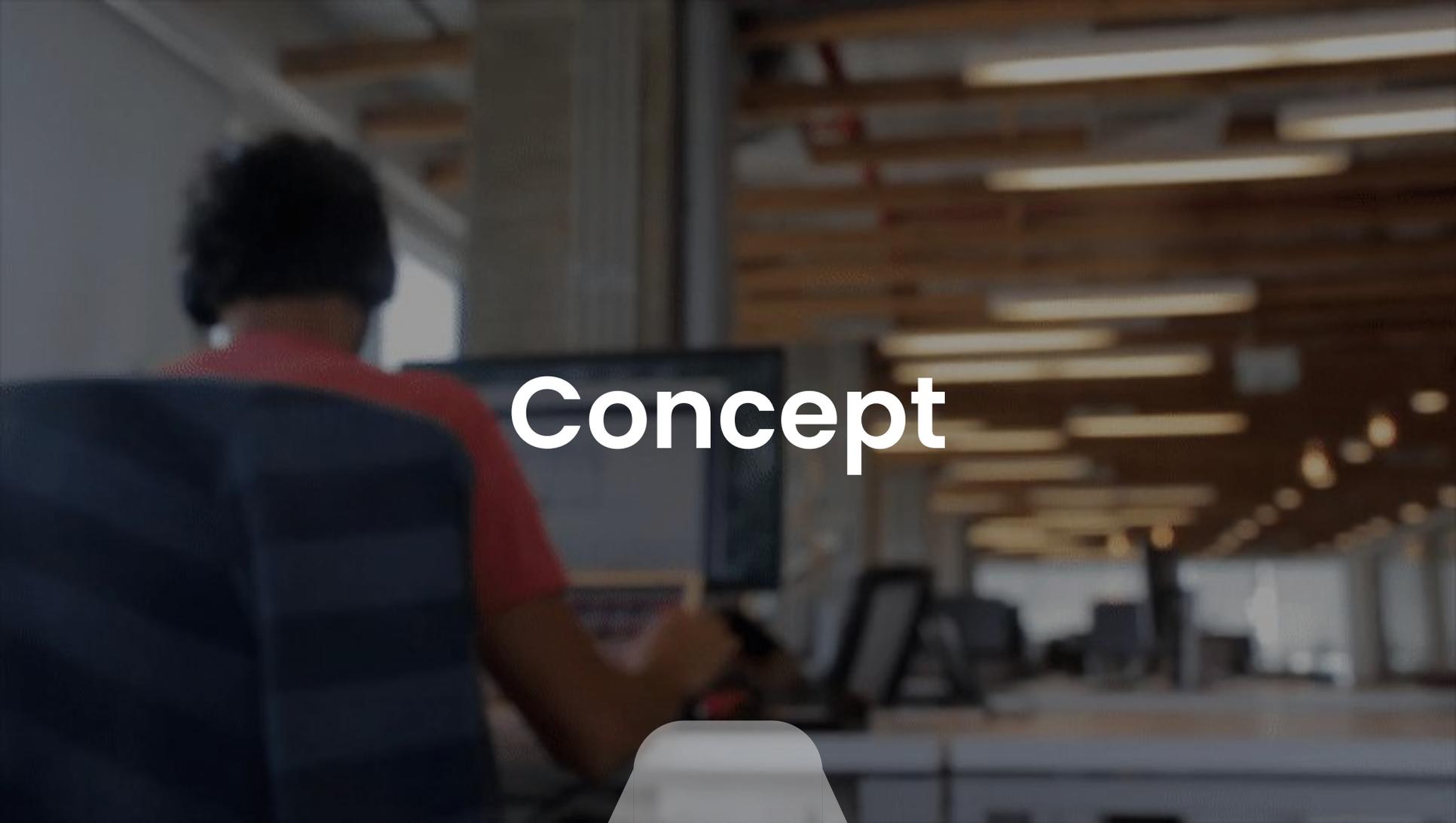
*McKinsey & Company study in
collaboration with Microsoft*



90%

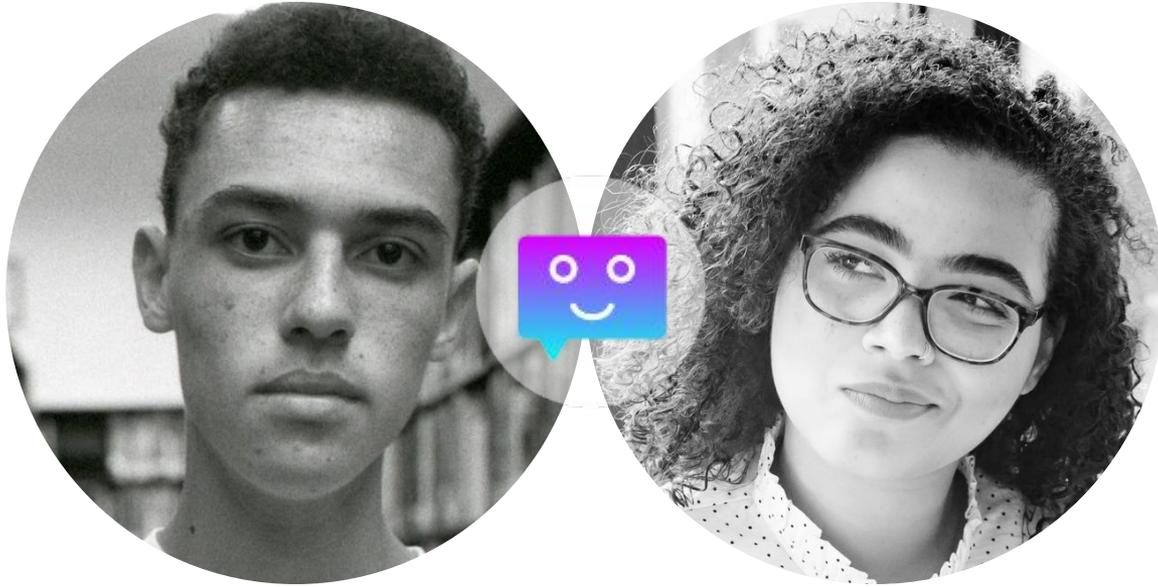
Of students remember the material if it is learned through experience

*National Survey by
Dreambox Learning*

A person with dark hair, wearing a red t-shirt and a blue office chair, is seen from behind, working at a computer workstation in a modern office. The office has a wooden slat ceiling with recessed lighting. The word "Concept" is overlaid in white text in the center of the image.

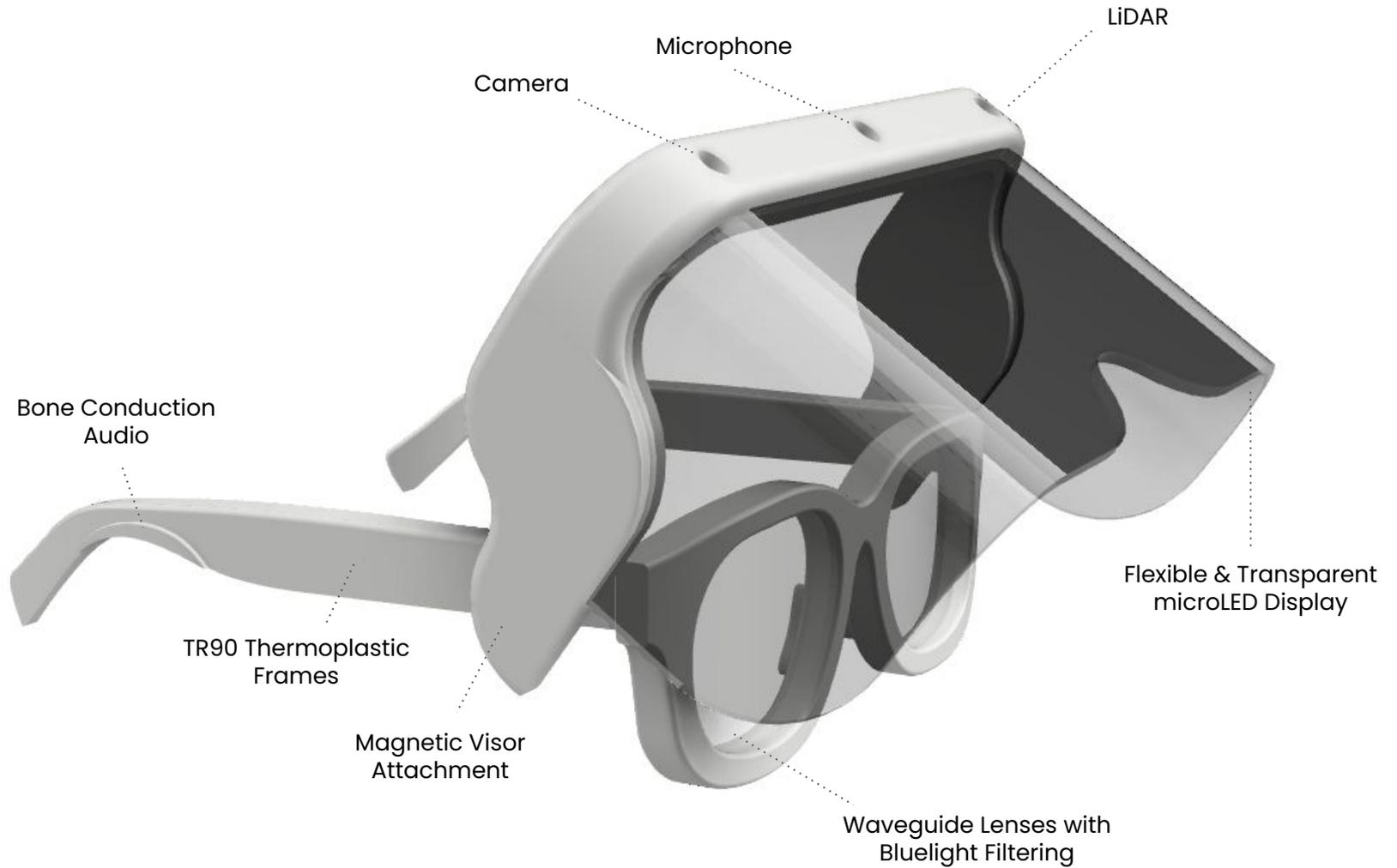
Concept

SPEX is a **collaborative** network for **learning and sharing skills** through the SPEX MR glasses



User

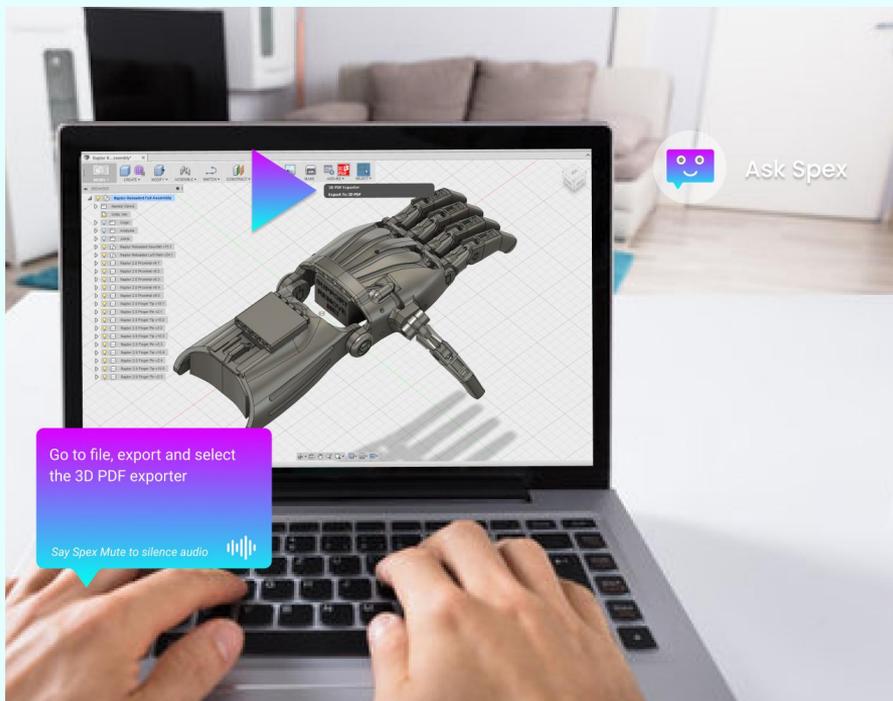
Creator/Expert





USER

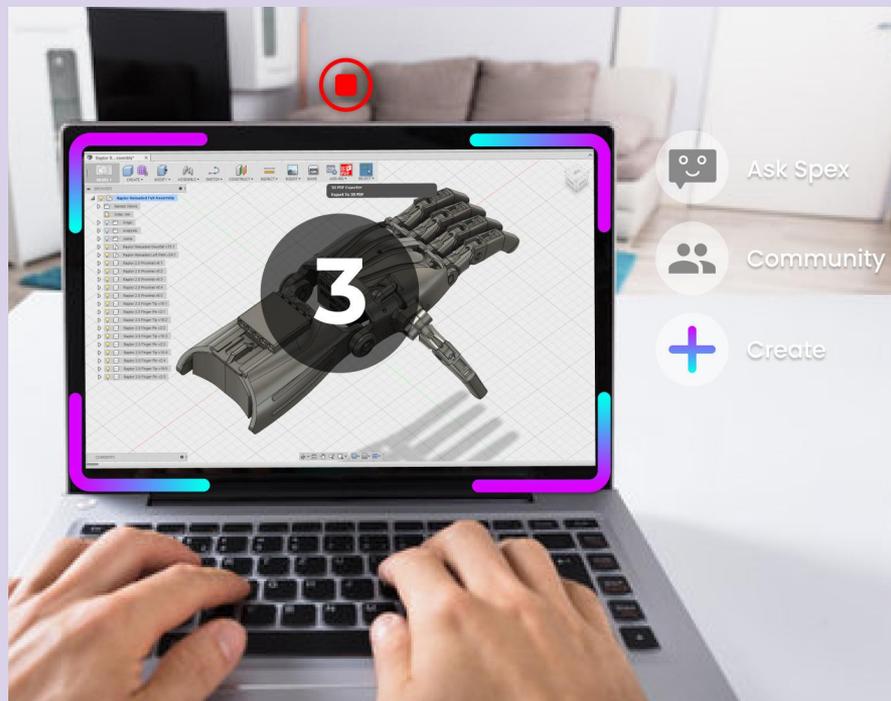
JEREMY DIAZ
DENVER
28 YEARS OLD
VISUAL DESIGNER AT APPAREL
COMPANY



CREATOR/EXPERT



EMMA SHELDON
LONDON
32 YEARS OLD
FREELANCE MOTION DESIGNER



A close-up photograph of a person's hands typing on a laptop keyboard. The person is wearing a dark blue button-down shirt with large white polka dots and a silver-toned metal watch on their left wrist. The background is softly blurred, showing a green plant. The word "Storyboard" is written in a large, white, sans-serif font across the center of the image.

Storyboard

1



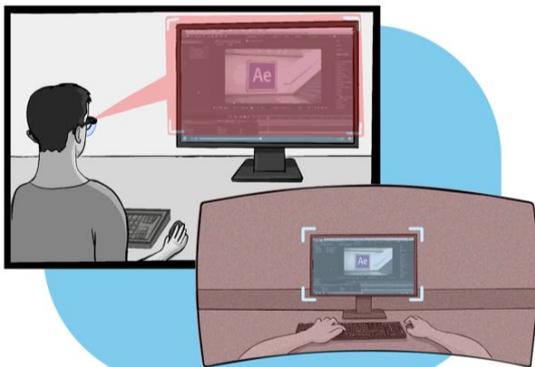
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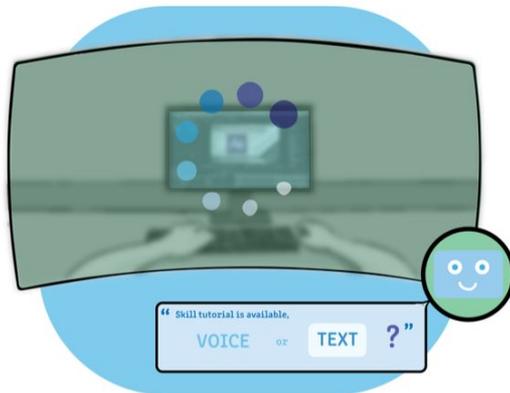
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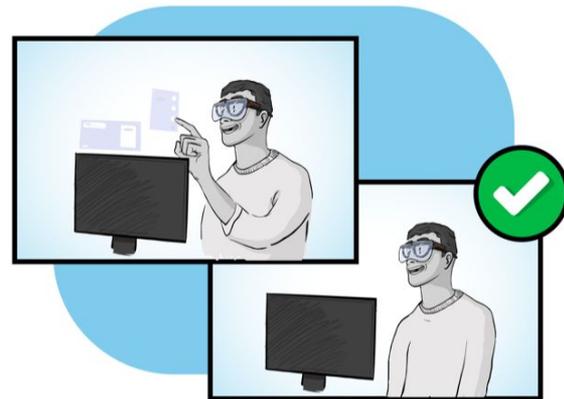
4



5



6





Heuristics

Recognize, Diagnose, and Recover From Errors

Insight

The Spex network may not have the desired skill but should provide an intermediary solution

“Spex, help me with make a task in Team Gantt”

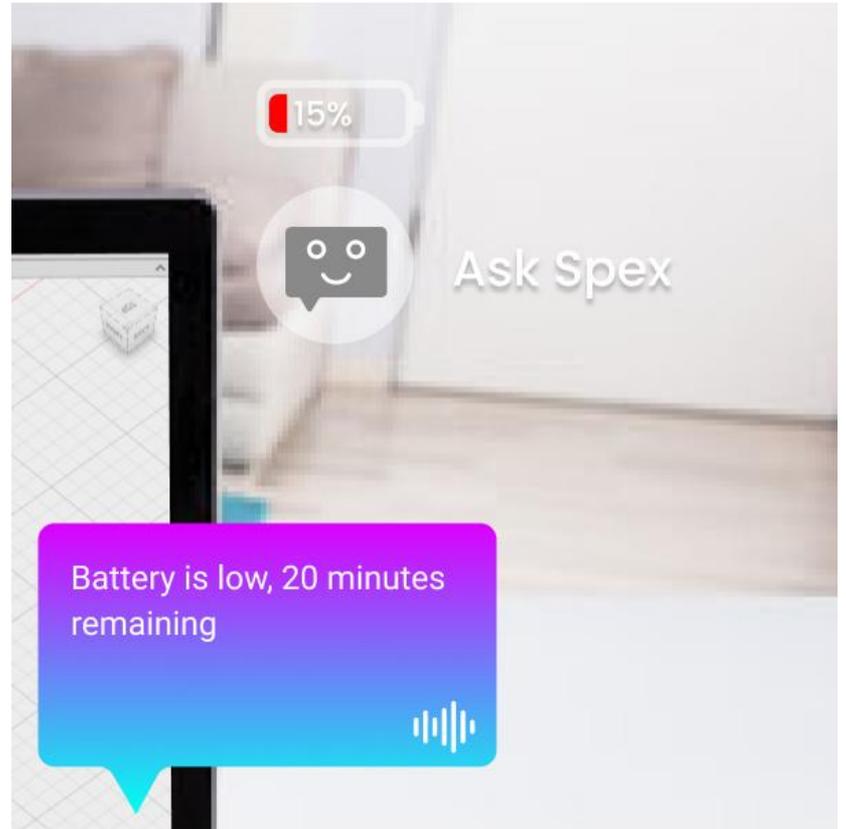
“I’m sorry, we don’t have skills yet for Team Gantt. We can suggest this related video tutorial from YouTube”



Visibility of System Status

Insight

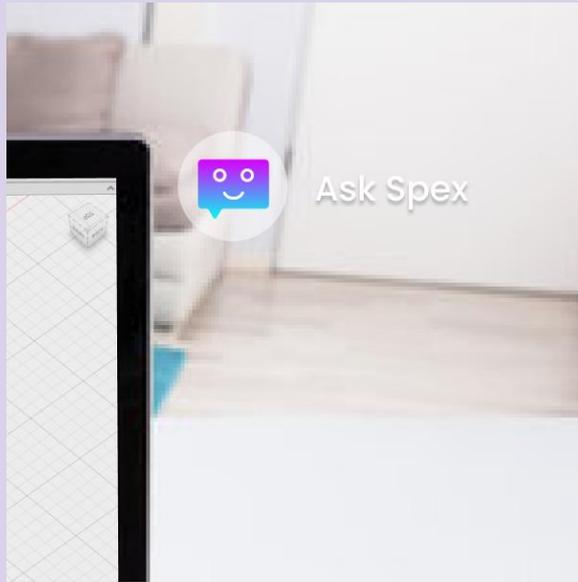
Spex should let users know of important status both visually and audibly



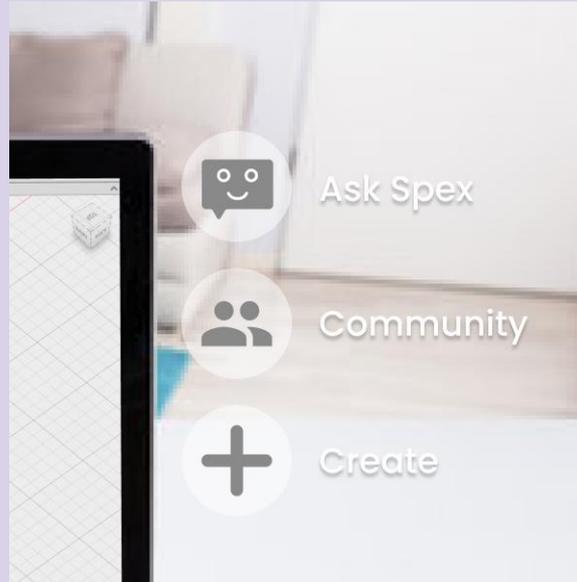
UI



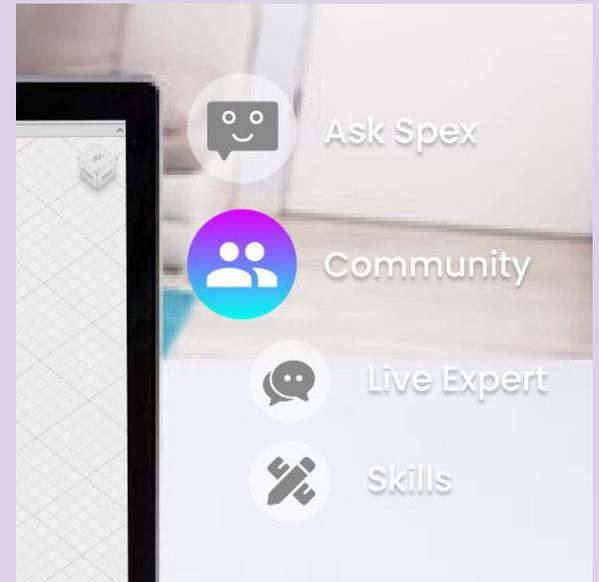
“Spex, how do I...?”



“Spex, menu”



“Spex, community”



Select "Tools" from the left menu.



Fusion 360 Maya Unity Figma



Ask Spex



Community



Live Expert

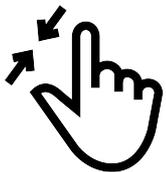


Skills

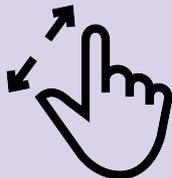


Create

Spex, zoom in.
Pinch in fingers.



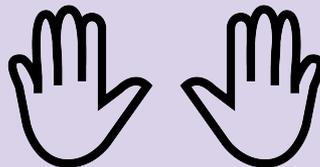
Spex, zoom out.
Pinch out fingers.



Spex, hide items.
Close both hands.



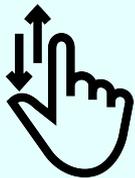
Spex, show items.
Open both hands.



Spex, scroll horizontally.
Swipe left or right.



Spex, scroll vertically.
Swipe up or down.



Spex, start recording.
Open one hand.



Spex, end recording.
Close one hand.



Spex, hover.
Point with finger.

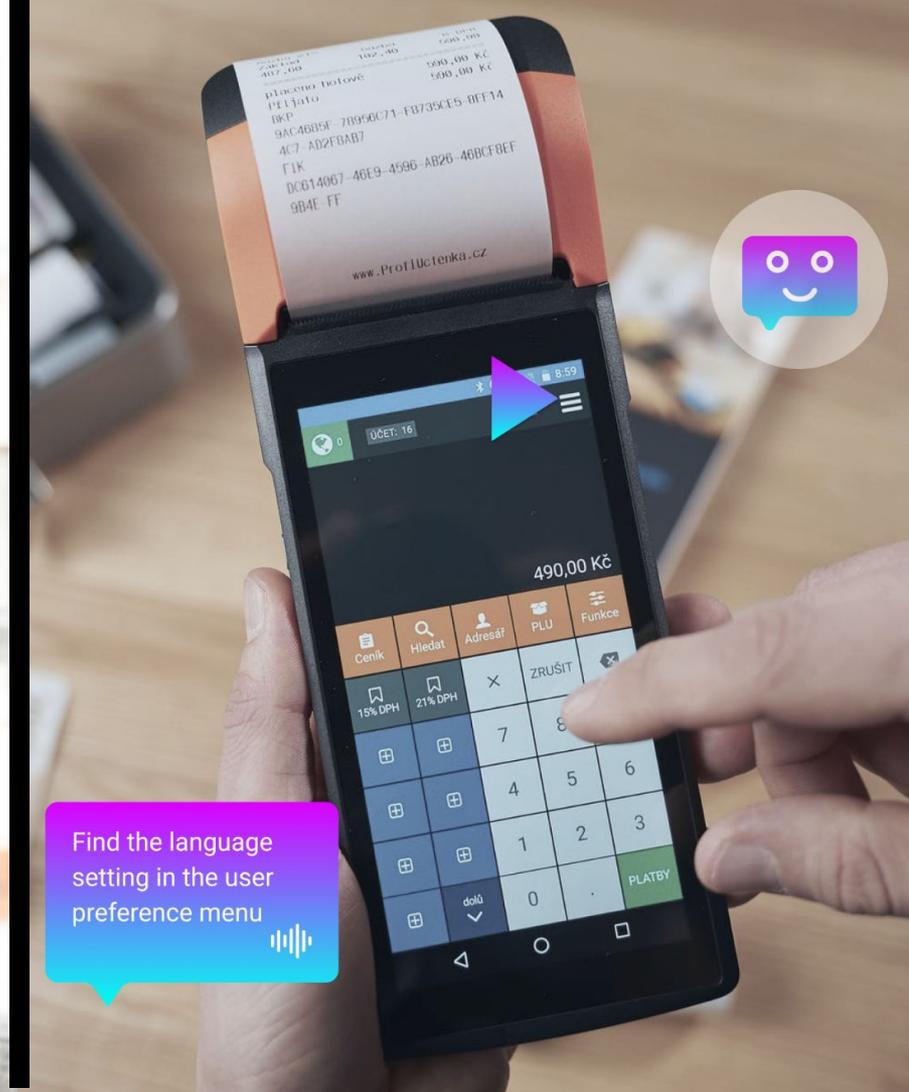
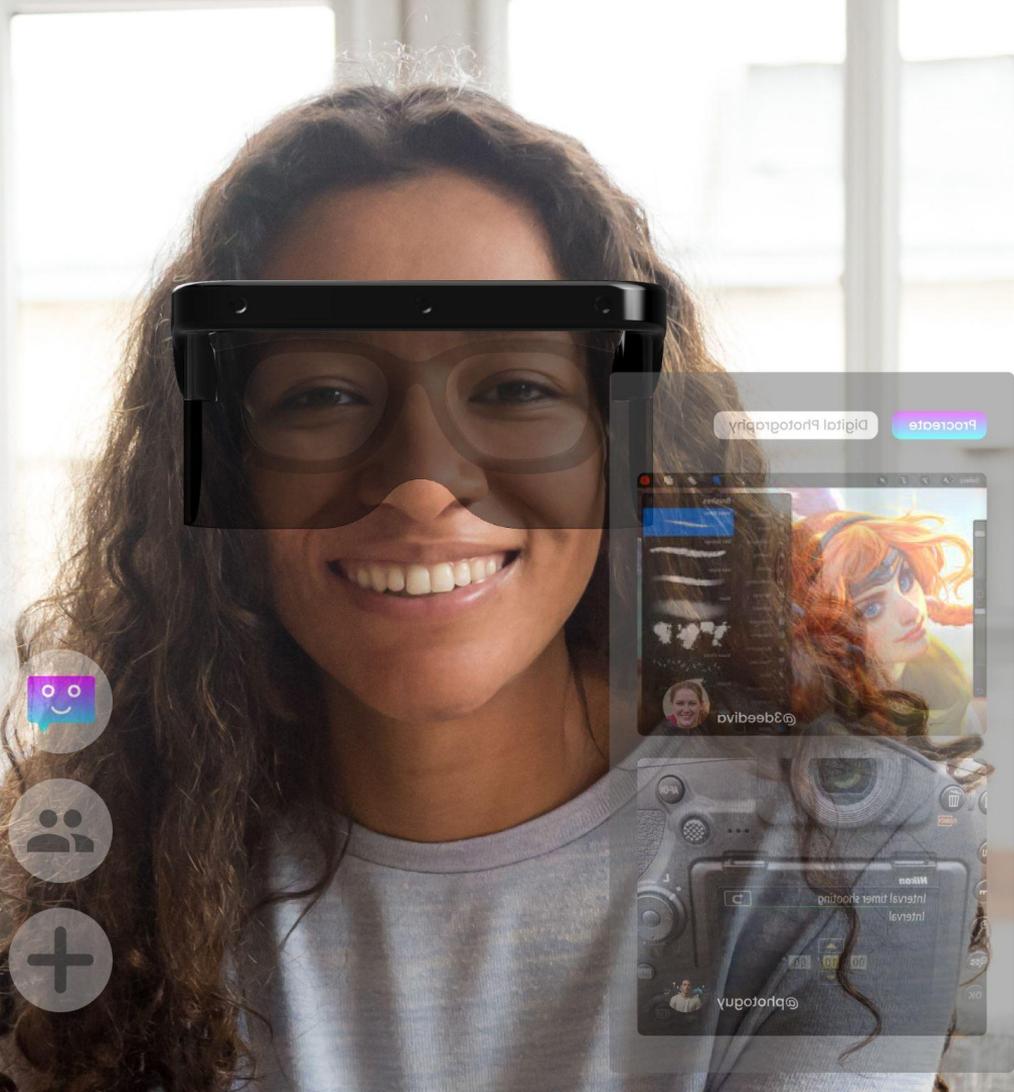


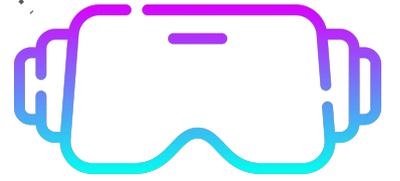
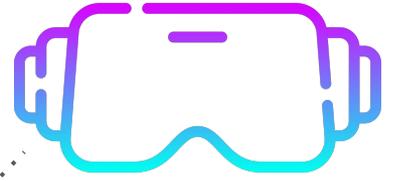
Spex, select.
Point with finger for 3 sec.



Future Possibilities

A person is seen from the side, painting a dark blue surfboard with white clouds. They are in a workshop with shelves of paint jars in the background. A laptop on the desk shows a digital image of a surfer on a wave. The text 'Future Possibilities' is overlaid in white.





A person with short blonde hair, wearing a light blue long-sleeved shirt, is sitting at a wooden desk in a modern office. They are looking down at a laptop computer. On the desk, there is also a notebook and a glass of water. The office has large windows in the background, and the lighting is dim, suggesting it might be evening or night. The overall atmosphere is quiet and focused.

**What do you
want to learn?**

Credits

Icons: <https://www.flaticon.com/>

Images: <https://stock.adobe.com/>

Images: <https://unsplash.com/>