

CLOUD WORKSTATION

Integrated Workspace Environments

PRECEDENT STUDY / PROBLEM STATEMENT



The number of people who work from home has increased by 140% since 2005



No physical separation between work and leisure time (lack of distinction)



Brainstorming is the most challenging type of meeting when it comes to remote work

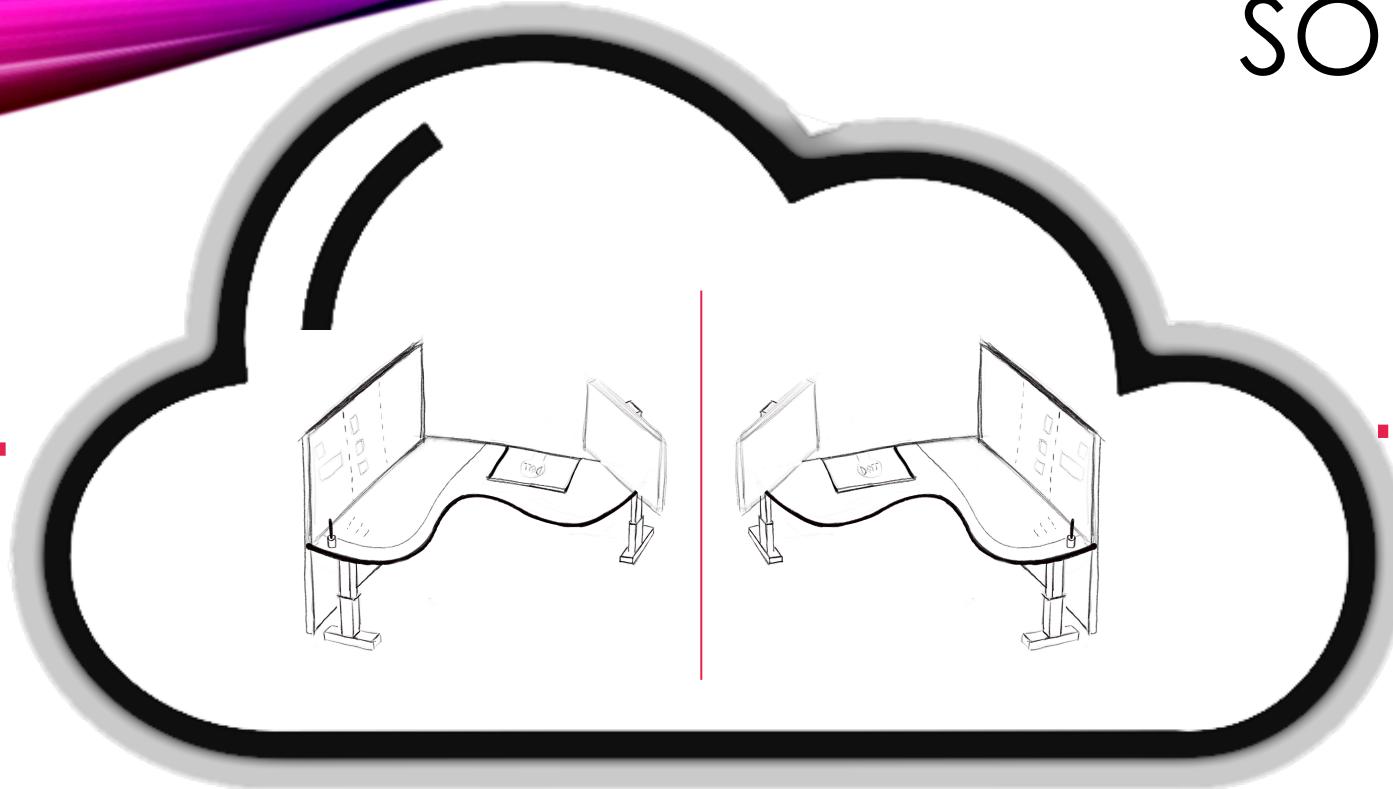


Security risks and data leaks are a greater threat now that CPUs/users are away from the office space

SOLUTION



HOME



OFFICE

Mirroring of office and home workstation environment to maximize productivity, utilizing cloud connected devices

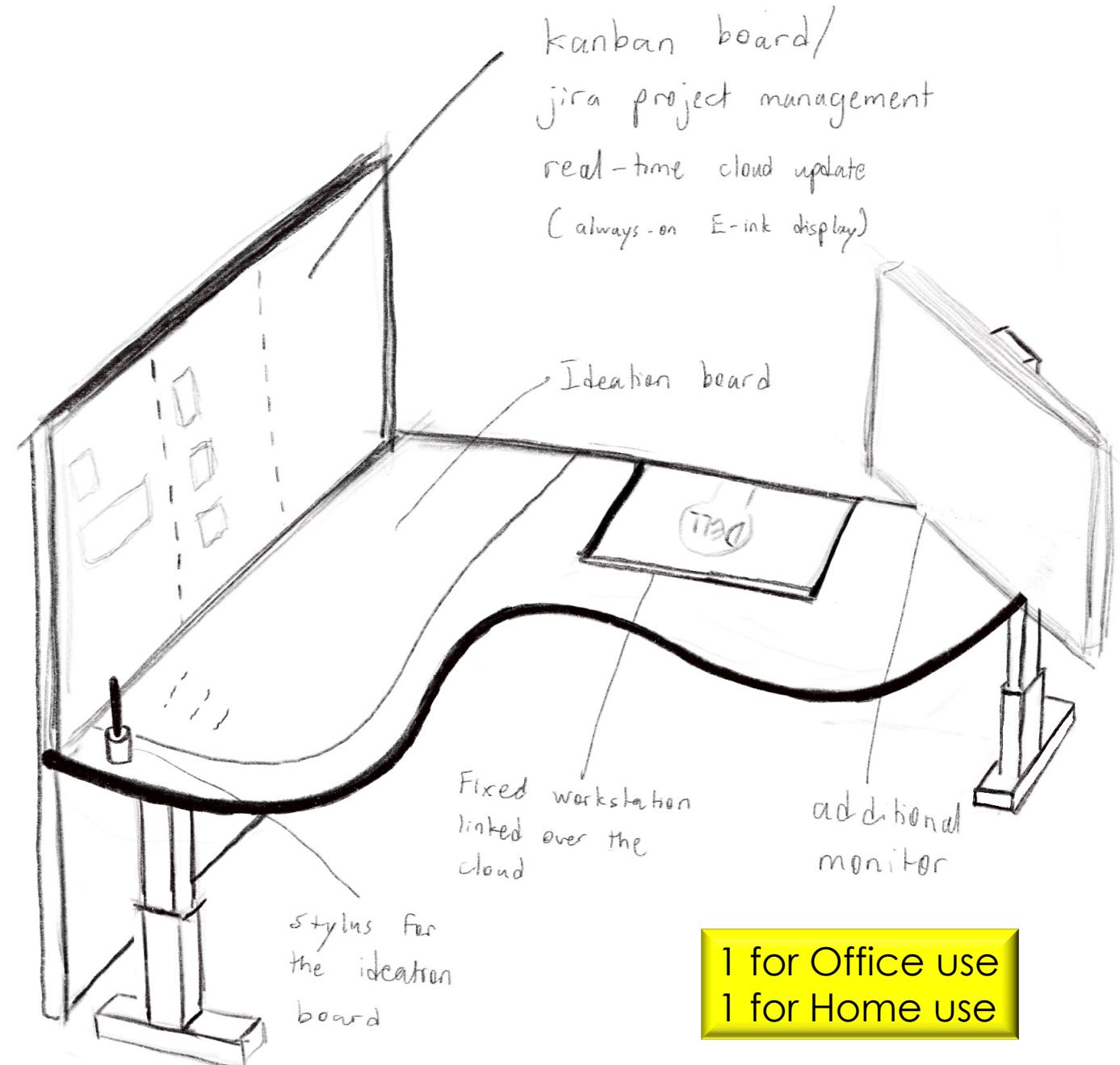
Simulate a proper working environment within home to separate work and leisure time (clearer distinction)

User detection system to allow for only one workstation use at any point in time, automatic lock when idle (increased security)

Enhanced communication devices for more fruitful meetings

PRODUCT KEY FEATURES

- Cloud connected devices include:
 - PC
 - Kanban Board (E-ink always-on display)
 - Ideation Board (with stylus)
- Enhanced communication devices (built in HD camera for meetings)
- User detection leveraging on computer vision for greater security
- Desk height and monitor position memory (cloud sync across home and office workstations)
- Multiple monitors



FUTURE DEVELOPMENTS

- Improving meetings and discussions
 - Sound barrier
 - Use of VR headset
- Employ the use of 5G communication networks for VR and XR
 - Utilizing VR capture methods such as 360 video and photo capture leveraging on the Cloud Workstation space/environment
- A more modular approach for home-use cloud workstations
 - Especially for Kanban board which may not be able to fit in to all houses