PROPOSED PROJECT IDEAS

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IDEA 1: Interactive Window

Interactive home/ office window that allows for,
- Adjustment to the shade(tint) of the window
- Display of indoor & outdoor temp.
- Control of thermostat.
- Controls to open/close window

The window provides convenient access to multiple controls and removes the physical aspect of opening/ closing a window. The shade controls allow for regulating temperature, brightness & privacy. The window will have an electronic layer to it which will allow for an interface to be displayed on the surface of the window. The interface would be touch accessible but also include a voice command interface. You would need to buy the electronic window as well as have it properly installed.

IDEA 2: School Tablet App

Schooling has become more and more technologically dependent as they attempt to make the transition between the old-school pen and paper and new methods which include the integration of technology in teaching. These days kids are born integrated with technology and are no longer absorbed in the classroom the same way past generations have been. Our solution is a tablet app that is specifically designed to not only enhance the learning experience for the children but also deliver the content in an immersive interactive way. Our app will consist of 2 main users: the teacher and the students. The teacher will be able to mirror the display on the smart board with the tablet app so the kids can see the presentation and allow lecture recording for later review. On the teacher's end they can grant access to edit the presentation allowing for the students to answer questions on the board or illustrate their questions without physically walking up to the board. Other features will include a sketch mode for the students to write notes as they would a regular notebook, a distraction mode where the teacher can lock the screens of the students if they are being distracted by the device and not focussing on the class, and lastly the ability to make common work pages for groups of students to do team work without physically working on the same page (covid concerns)

IDEA 3: VR Home Decor

What is the problem / service?

      A VR experience in home renovating and decoration

Why is it important?

      Being able to scan your house/room and be able to change around appliances and furniture and see how it looks in your home without committing to it, this can save people a lot of time and effort when it comes to decorating a room. Having the convenience to see how a couch would look in the living room or a bed frame in the bedroom without having to purchase and move the item into your house, can be very useful.

How are you going to solve It / introduce it?

      Through a VR system you will be able to physically see how your room will look with certain furniture or with different colored walls, differently flooring, etc. You would possibly pick an item from a companies catalogue or scan item and import it into your VR app and then see how the item would look in your house.

What kind of a system it will be (mobile app, website, computer software, VR)?

      The system will be integrated through a VR system.

PORTFOLIO

LINK: https://dribbble.com/teamC_cpsc481

username: teamC_cpsc481
password: teamCisgreat!

ONLINE REPOSITORY

LINK: https://github.com/teddy-kalp/CPSC481-TEAM-C