

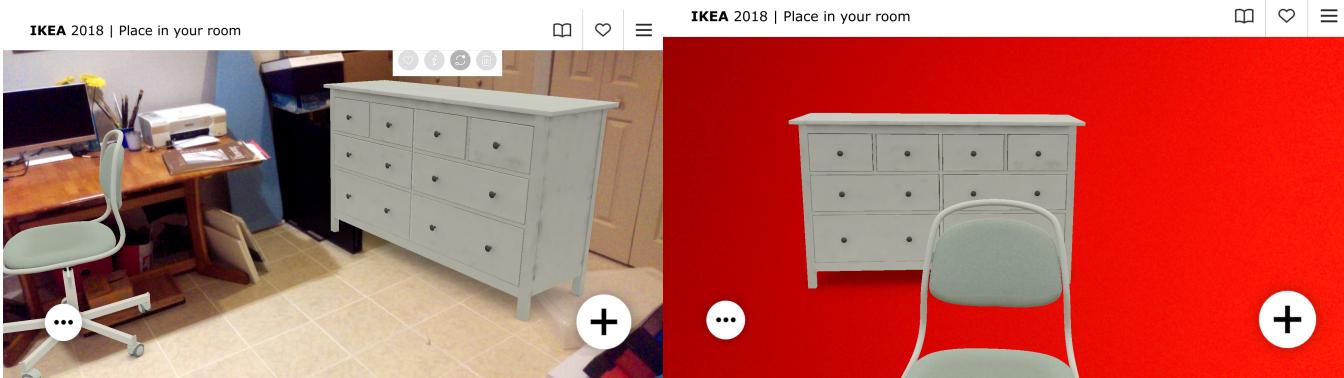
Software used:

IKEA Catalogue (Android App 2018)



Method: I used the app in my basement/family room which is partially furnished, and then used the same objects in the back of my town-house.

Thoughts: Overall I had a pleasant time playing around with the IKEA app. The idea of it seems very promising since it gives you a great idea of what the objects will look like inside of your house before you buy them. I had a fun time browsing the catalog to select objects which would pop in into the room I was in. Best part was even when I walked around the room they would remain their place and orientation (for the most part). The objects would remain in the same position, even when I put my finger over the lens (red background picture below), or when I spun around, which was a very nice feature. This app has great potential, especially since it made the items stay where they should be without having any fiducial markers/physical markers in the real world, making it much more usable and accessible. This concept can be expanded upon for many other applications. If we could introduce system to places where want to get an idea of objects to scale with their everyday objects it could make online shopping a thousand times better, since people won't need to worry about going out to see what a shelf looks like or a chair will look like. They will have a great impression of what the final outcome of a purchase will be before they even buy it. For businesses this could mean less returns based of people not liking an object for it's looks or size.



Technical stuff: I had an issue where the app didn't run well on my HTC m9 Android Phone, which doesn't struggle with other apps in the same way it had with this one. This caused a bit of lag, which made it more difficult to move the objects around. This may be just an isolated issue, but it is worth noting that the technology for certain people may haven't caught up yet, but since the majority of the population have access to affordable smart phones I don't think this will be an issue.



Conclusion: This app could easily be built upon for greater functionality and makes me excited to see what people can do next. Here we only saw static objects being moved around the world from a fixed position, the possibilities that can come from making this tech greater are countless.