

Apple HomeKit Application and Cost

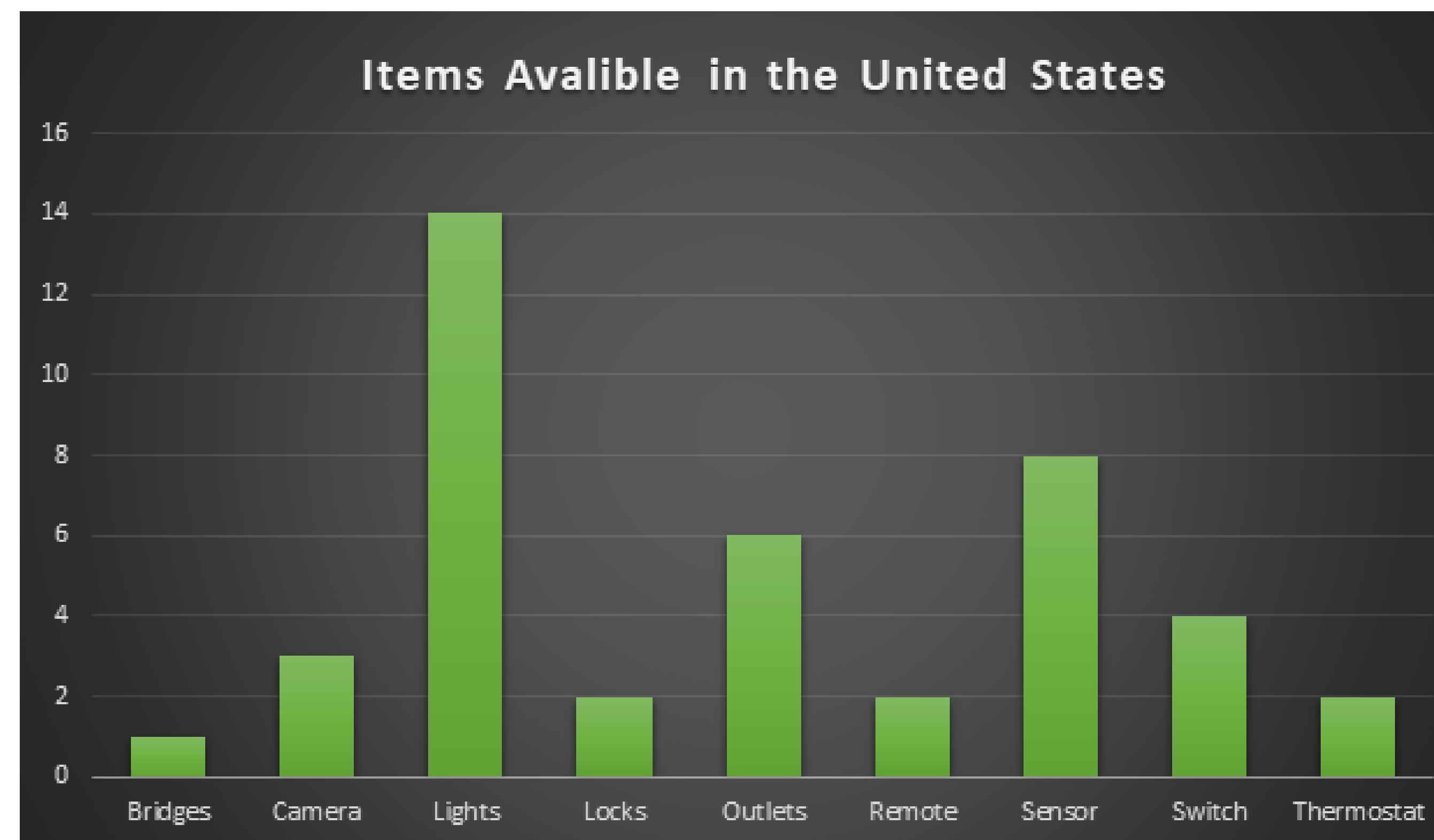
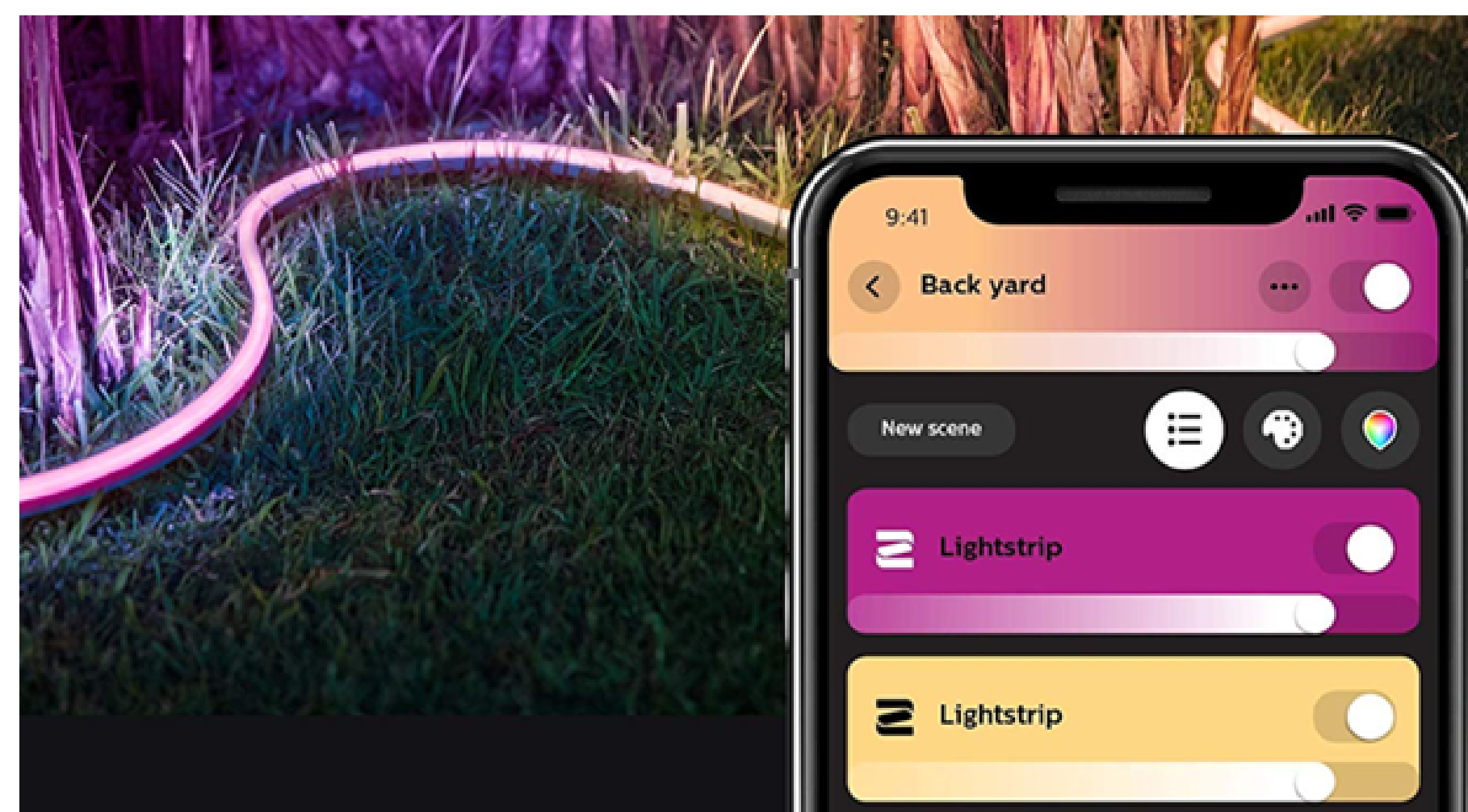
Nick Fifield



Abstract

Apple's Homekit is one popular ecosystem to operate smart home technology off that give users a single application interface for their entire home. There are many devices a person could choose from to operate from lights to cameras which give homeowners feelings of joy, having new functionality over their home impressing guests, to having a sense of security of their home, being able to operate and view their home from a remote location. Still in an early age for smart home technology, there are many hidden costs and unknown variables that every homeowner will run into when turning their home into a smart home. Preparing this application and cost deliverable will make it easier on any American homeowner to up-date their home without running into enormous problems.

Keywords: Apple, Smart Home Technology, Homekit, Remodel



Most people when starting their smart home do not realize hidden costs. Most of these come from not having a strong Wi-Fi network that spans the entire house and backyard. Adding Wi-Fi repeaters can solve these issues but at no small cost. Many products listed also have difficult installation and expensive second devices like bridges to act as a middleman between product and app. Totaling the cost of these unknowns can double predicted budgets and ruin projects.

Average Homekit Product Cost: \$95

Nick Fifield

nfifield@calpoly.edu