

Abstract

We designed and built an automated shopping cart that can maneuver through a specialized shopping center. The entire system is meant to make the process of shopping an easier experience by guiding the shopper through the center to maximize their shopping experience. This process is made possible through the use of a BASIC Stamp and a PBasic program customized for our needs. The shopper simply pushes the button on the cart that lists the product that the shopper needs and the cart will automatically move to the appropriate area within the store.