

UX202 - Maker Lab II
Speculative Design Project I
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Project Topic

Create accessible and useful technology and systems that allow the Brantford community to connect with businesses in and around the downtown core. Specifically focusing on a QR code system that allows the public to learn about the businesses and what they have to offer.

Project Aim and Objectives

Our aim is to create an accessible option where individuals can discover and connect with businesses around their city. We want to do this by introducing QR code stickers outside and inside businesses that customers can easily scan with their phones to find out more about the business. There will also be a separate QR code sticker that will redirect the customer to unique coupons; these codes will be harder to find, making it a fun challenge. The challenge and rewards would encourage people to visit the downtown core.

Details about Prototype Production Methods

We would like to create 3D QR codes, making them stand out to customers. This can be done using plastic to create a little cube that will be attached to the building walls, both inside and outside, and the sticker displaying the QR code will be placed on it. Below, we have an example created in TinkerCAD of what this may look like. Other details we hope to include are different colours of QR codes to indicate whether they are for businesses, coupons, services etc. and different sounds that play when the QR code is scanned to include a somatosensory element.

Three Photographs showing materials that will be used to produce the prototype

Sticker paper for creating the 2D stickers



2D stickers (example)



Command stickers or similar adhesives that won't damage a wall



An example of what it may look like (using *TinkerCAD*)

