University of Winnipeg

Winnipeg Transit: Digi-Pass

Team Kreacher – Project Proposal

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Problem Description:

Minimization of contact is vital during this pandemic, but people still need to get around Winnipeg. Not everyone has personal transport so public transport is considered essential. Unfortunately, when boarding the bus, the user must contact the ticket machine to scan their Peggo card or deposit their coins. Being that hundreds of users ride public transit daily; this machine gets contaminated frequently. In this time of technological innovation this is an unnecessary contact point. Furthermore, it is very easy to forget your Peggo card or the coins necessary to board the bus, to which there is no convenient way to solve this putting the user through avoidable stress.

Design Direction:

We want to minimize the unnecessary contact that is present within the transport system, as well as, the loss or forgetting of bus admittance. We will accomplish this by appending the Winnipeg transit app with a "Digi-Pass" interface. This interface will allow the user to board the bus without having to contact the ticket machine and will take the charge from their account. This will help minimize the spread of COVID-19 by minimizing necessary contact within public transport and it will make it harder for users to forget their bus admittance by storing in within their phone.

Participating Users:

We would like this interface to be usable by anyone with access to the app. Therefore, our study will need to be diverse in all aspects of the word as nearly everybody has a smartphone.

Tools to Prototype:

We will be using Balsamiq for the initial prototyping but will contemplate the use of UXPin for future iterations of the interface.