NavKiosk is a wayfinding system that shows the customer a path from the Queen Victoria Museum and Art Gallery’s entrance to any chosen location done by lighting up a series of LEDs on a large model of the museum’s layout. The location is chosen by the customer through a touch-screen interface, or through the use of tactile buttons.

The NavKiosk consists of three main components: the model, a touch-screen and some buttons. The model consists of tracks of lights under a map of the museum. It is connected to a touch-screen which offers a way to search for exhibitions, galleries, objects and facilities. Selecting an item from these menus will not only show the path to the location on the model, but also provide some brief information, such as the description, show times and any other additional costs. The tactile buttons act as a quick navigation; these will immediately show the customer a path to their desired location.

In order to keep the NavKiosk up to date, it is also provided with a maintenance application, which can be remotely accessed within the museum’s local network. The application allows for creation, modification and deletion of information pages viewable on the kiosk, along with uploading images and choosing the light colour for the path on the model. It is also from this application, that the kiosk settings can be configured, allowing the museum staff to tweak the behaviours of the kiosk.

The maintenance application provides a way to keep the NavKiosk up to date, allowing the museum staff to tweak the behaviours of the kiosk.

The Project - A Navigation Solution

NavKiosk
The Queen Victoria Museum and Art Gallery Navigation Kiosk

The Navigation Kiosk

The Maintenance Application

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