**Requirements:**

1. A scanner needs to be installed at one device location, but one device location can have multiple scanners installed.
2. Device locations can belong to tram, bus or stop stations. (Only tram and bus will have scanners in the vehicle; the rest of the scanners should be at the stop stations)

**Assumptions & Justifications:**

1. All vehicles require a touch-on and off (the current tram system doesn’t require a touch-off):

**Changes**:

* + This assumption will change the mechanism only deducts when “touching off.”
  + The forgot-to-touch-off rule remains the same. If passengers forget to touch off, the system will deduct the “Zone1+2 2 hours” fee.

**Benefits**:

* + Uniforming the myki-using behaviour. For passengers, it is more intuitive and friendly to memorise the rules. For PTV, we can gain more trip data from users for tram usage.
  + The company will have the flexibility to adjust the payment mechanism from zone-based pricing to distance-based pricing.

1. So far, we only discuss the Metropolitan tram, train and bus in this design.

**Pricing rule:**

* Apply to tram, train and bus travel

**Actions:**

References:

Myki Interstate travel: <https://www.ptv.vic.gov.au/more/travelling-on-the-network/interstate-travel/>

Myki pricing: https://www.ptv.vic.gov.au/tickets/fares/metropolitan-fares/#defaultfares