CP2405 – Ontology Design

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# Part One – Main Statements in the Scenario

## Section One

### General

* Australia has six states and various territories.
* Stations are broken up into 2 Myki ticketing zones as well as a city saver zone
* The city saver zone is within the first zone and covers the central business district
* In Melbourne or Brisbane, you can stay in a hotel
* Canberra, Melbourne and Brisbane have sights such as churches, monuments, museums and family attractions
* There are travel guides available in Perth, Melbourne, Canberra or Brisbane
* The travel guides are available in several formats, such as a guidebook or on a CD.
* Maps of Perth, Melbourne, Canberra or Brisbane can also be found in paper format or in an electronic format

### Canberra

* Canberra is the capital of Australia, it is located in the ACT
* The Australian War Museum is a popular museum

### Melbourne

* Melbourne is the capital of the state of Victoria
* Melbourne has two airports, Tullamarine and Avalon
* Tullamarine airport is served by Qantas, Rex and Jetstar
* Avalon airport is served by Qantas and Rex
* Melbourne has several train stations, the main station is Melbourne Central
* Public transport in Melbourne includes buses, trams and trains
* St Patricks Cathedral is a popular church
* The shrine of remembrance is a popular monument
* The Melbourne museum is a popular museum
* There are organised tours to see the sights of Melbourne and surround regions such as the great ocean road and the Yarra valley wineries
* There are special events taking place during different periods such as theatre, opera performances and concerts

### Brisbane

* Brisbane is the capital of the state of Queensland
* Brisbane has several train stations, including Brisbane Central and South Brisbane
* Brisbane is well known for its entertainment attractions such as the Gold Coast theme parks and Draculas Cabaret
* The fee to enter Draculas Cabaret is $95 for a regular ticket, $115 for VIP tickets
* The Drax4Kids show is $32 per person

### Perth

* Perth has winery tours at Margret River
* Perth has Scitech Discovery Museum
* Perth has tours into the Fremantle Prison

## Section Two

### General

* Australia has six states and various territories.
  1. Australia has both states and regions
* Stations are broken up into 2 Myki ticketing zones as well as a city saver zone
  1. Only one zone can be used at a time
* Canberra, Melbourne and Brisbane have sights such as churches, monuments, museums and family attractions
  1. Each city has local attractions
* There are travel guides available in Perth, Melbourne, Canberra or Brisbane
  1. Each city has travel guides

### Canberra

* Canberra is the capital of Australia, it is located in the ACT
  1. A city is the capital of a country
  2. A city is located in a state or territory

### Melbourne

* Melbourne has two airports, Tullamarine and Avalon
  1. Each city has airports
  2. Only one airport can be used at a time
* Melbourne has several train stations, the main station is Melbourne Central
  1. Each city has train stations
  2. Only one train station can be used at a time
* Public transport in Melbourne includes buses, trams and trains
  1. Buses, trams and trains all fall under public transport

## Section Three

### What is the purpose of the ontology?