Discrete Optimisation Project Documentation

# Notes

* Currently the time to travel down an arc doesn’t consider the mode of transportation. This will need to be integrated into the model later
* The commodities that a person must track are:
  + Time, money, number of times changed public transportation, spending costs, current mode of transportation

# Assumptions

# Indexes

# Independent Variables

# Semi-Dependant Variables

***These are the variables that are technically dependant variables but are modelled as constrained independent variables***

# Dependent Variables

***This section is saved for any variable which are fully dependant on other variables, this is generally used if various variables need to be consolidated into a single figure i.e. the sum of costs. Please note that when using these variables the developer needs to be careful not to make any illegal calculations this new variable***

# Constants

# Constraints

Flow is directional, multi-medium, multi-flow (person)

This controls the time (w) which the task at I starts

This controls that tasks happen within their designated time windows (I think)

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| Version Control | | | |
| Version | Change | Date | Author |
| 0.0.1 | Documentation creation | 27/08/2022 | FG |
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