Implementation document

User Story: TVM-US-03

As a Commuter, I want to be able to select ticket types (Rechargeable card or Non-rechargeable ticket), so that I can either reload Non-rechargeable card or buy a Rechargeable ticket.

Implementation

Data structures: Since we are not considering any database for the TVM application back end. Basic data structures available in Java are taken. Ticket types are stored in an ArrayList.

Programming Platform: Java Enterprise Edition

User Interface: Textual

Constraints covered: Performance-G-01

User error protection: It will be made sure that user provides the right input in required format.

Maintainability: Data structures selections are in such a way that any changes to the ticket types can be done.

Learnability : New users will get to know that there are two types of tickets available i.e Rechargeable card or Non-rechargeable ticket