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| Class Name: Account | |
| Purpose:  To store the account information | Collaborators:  User  AccountList  Token  Server  Journey  PricingSystem |
| Responsibility:  To update and store the balance and account information |

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| Class Name: AccountList | |
| Purpose:  To store the Accounts in a vector | Collaborators:  Account  Server |
| Responsibility:  To find an Account |

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| Class Name: User | |
| Purpose:  To store the information about the user | Collaborators:  UserList  Account  Server |
| Responsibility:  Store and retrieve information for the user |

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| Class Name: UserList | |
| Purpose:  To store each user within a vector | Collaborators:  User  Server |
| Responsibility:  To store the users in one place so that the management can find an user |

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| Class Name: Token | |
| Purpose:  The method used to pay for travel | Collaborators:  TokenList  Terminal  Account  Scanner  Journey  Fare |
| Responsibility:  Being scanned and storing token information, such as fare type and current journey. It is used for traveling throughout the system |

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| Class Name: TokenList | |
| Purpose:  To hold a vector of an Accounts tokens | Collaborators:  Token  Account |
| Responsibility:  To find and checks if a token is valid |

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| Class Name: Terminal | |
| Purpose:  To allow the user to add to their balance and view their balance | Collaborators:  Token  MoneySlot  TerminalUI  Server |
| Responsibility:  To manage the user interface  Adds money to the account  Show balance |

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| Class Name: TerminalUI | |
| Purpose:  To allow the user to interact with the terminal | Collaborators:  Terminal |
| Responsibility:  To transfer information between the terminal and the user |

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| Class Name: MoneySlot | |
| Purpose:  To handle the input of money | Collaborators:  Terminal |
| Responsibility:  Count the amount of money entered  Output any change |

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| Class Name: Scanner | |
| Purpose:  Reads the token to pay for fares | Collaborators:  ScannerUI  Token  PricingSystem  Server |
| Responsibility:  Read the token and gets necessary travel information  And can write information to the Token |

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| Class Name: ScannerUI | |
| Purpose:  To allow the user to interact with the scanner | Collaborators:  Scanner |
| Responsibility:  To transfer information between the scanner and the user |

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| Class Name: UserInterface | |
| Purpose:  For users to gain access to the system through a graphical interface | Collaborators:  TechnicalDevice |
| Responsibility:  Show option  Read in data |

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| Class Name: Server | |
| Purpose:  To control and execute most of the processes | Collaborators:  TechnicalDevice  ListOfRoutes  Route  UserList  User  AccountList  Account  Scanner  Terminal  Fare PricingSystem  Token |
| Responsibility:  To handle requests for the system, sends / receives information to the correct classes |

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| Class Name: TechnicalDevice | |
| Purpose:  Allows the user to login to the account from any device | Collaborators:  UserInterface  ManagementUI  Server |
| Responsibility:  to allow the user to connect to the system |

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| Class Name: ManagetUI | |
| Purpose:  To allow mangers more advanced options | Collaborators:  UserInterafce  TechincalDevice |
| Responsibility:  to make administrative interactions available |

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| Class Name: PricingSystem | |
| Purpose:  Used to calculate each fare | Collaborators:  Server  FareDealsList  Fare  BaseFare  Route  Journey |
| Responsibility:  Is to processes a journey request and calculate the fare |

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| Class Name: RouteList | |
| Purpose:  Contains all of the routes | Collaborators:  Server  Route |
| Responsibility:  Search for a certain route |

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| Class Name: Route | |
| Purpose:  Contains the route information | Collaborators:  RouteList  Server  PricingSystem  Scanner  ZoneList  TransportList |
| Responsibility:  Hold the stops which are on a route, the possible zones it goes through and the transport and gets the last stop on the route |

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| Class Name: FareDealsList | |
| Purpose:  Stores all the Fare Deals | Collaborators:  PricingSystem  Fare |
| Responsibility:  Check if current fare is valid  Returns fare  Finds the appropriate deal |

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| Class Name: BaseFareList | |
| Purpose:  Store all the base fees for the fares | Collaborators:  Fare  PricingSystem |
| Responsibility:  Finds appropriate fare  Check if current fare is valid  Returns a fare |

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| Class Name: Fare | |
| Purpose:  Stores information about the fare | Collaborators:  FareDealsList  PricingSystem  BaseFareList  TransportList  ZoneList |
| Responsibility:  To hold all the fare information and where it is valid  Can check to see if a journey is valid |

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| Class Name: ZoneList | |
| Purpose:  Stores a vector of zones | Collaborators:  Fare |
| Responsibility:  To find a zone |

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| Class Name: Zone/Area | |
| Purpose:  Sores information about the zones | Collaborators:  Stop  Fare |
| Responsibility:  To hold information about the zone and its name |

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| Class Name: TransportList | |
| Purpose:  Stores a vector of transports | Collaborators:  Transport  Route  Fare |
| Responsibility:  To find a transport |

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| Class Name: Transport | |
| Purpose:  Stores information about the vehicle | Collaborators:  TransportList  TransportType  CompanyList |
| Responsibility:  To keep information about a specific transport e.g. each individual bus |

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| Class Name: TransportType | |
| Purpose:  Holds the types of transport | Collaborators:  Transport |
| Responsibility:  To store information about the different types of transport |

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| Class Name: CompanyList | |
| Purpose:  Holds a vector of companys | Collaborators:  Transport  Company |
| Responsibility:  Find company by name or ID |

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| Class Name: Company | |
| Purpose:  Holds information about a specific company | Collaborators:  CompanyList |
| Responsibility:  allows editing a company |

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| Class Name: StopsList | |
| Purpose:  Contains a vector of stops | Collaborators:  Stop  Route |
| Responsibility:  Search for stops |

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| Class Name: Stop | |
| Purpose:  Stores information about the stops | Collaborators:  Zone  StopsList |
| Responsibility:  Hold the ID, name, location, type and zone |

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| Class Name: JourenyList | |
| Purpose:  Stores a vector of journeys taken by an account | Collaborators:  Account  Journey |
| Responsibility:  Can find a journey or a list of journeys |

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| Class Name: Journey | |
| Purpose:  Stores information about the journey | Collaborators:  JourneyList  Account |
| Responsibility:  Allows information to be stored about a journey e.g. its start time and place and stop time dentition |