**Guard Functional Requirements**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function | Input | Output | Comments | Priority |
| Show Timetable |  | Timetable made from journeys and routes | Personal and Train timetables | High |
| Log In Securely | Username + password |  |  | High |
| Validate Ticket | Ticket ID | Valid/invalid Notification |  | High |
| Sell Ticket | Payment Details Customer ID  Journey/Route information | Confirmation | Not sure if a guard should do this | Uncertain |
| Search for Journey | Journey Details | Journeys with corresponding details |  | Med |
| Search for customers | Customer ID | Customer with matching ID |  | Med |
| Flag Customers | Customer ID, Flag |  |  | Med |
| Receive notification |  |  |  | Med |
| Send Notification | Notification Message |  |  | Low |