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| **Requirement Statement** | **Inputs** | **Outputs** | **Comments** | **Priority** |
| Log-in with specific account details | Input username and password values |  |  | High |
| View personal timetable |  | Display of users timetable  Which train they are meant to be one  Times of when and where they are going  Length of the journey |  | High |
| Receive Notifications (Route Changes) |  | Alert to notify of changes |  | High |
| Receive Notifications (Track Condition) |  | Alert to notify of changes |  | Mid |
| Receive Notifications (Delays) |  | Alert to notify of changes |  | Mid |
| Receive Notifications (Changes to personal timetable) |  | Alert to notify of changes |  | High |
| Securely log-in with specific account details | Input username and password values. |  | Secure connection to database | Mid |
| Application automatically updates when new notifications come in |  | Update display | Asynchronous | Mid |
| Notify changes on the track | Input selection:  Snow and Ice, Leaves, Flooding, Buckled Rail,  Vandalism |  | Account type notified: Controller | Low |
| Notify delay type | Input selection:  Vandalism, Landslips, Flooding, Signal failure, Leaves, Knock-on-delay, Engineering works |  | Account type notified: Controller | Low |
| View how many people should be on the train |  | Display of amount of users on the train |  | High |

**Functionality**