## **Functionality**

| 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:<br>Controller | Low      |
| Notify delay type  | Input selection: Vandalism, Landslips, Flooding, Signal failure, Leaves, Knock-on-delay, Engineering works |  | Account type notified:<br>Controller | Low      |
| View how many people should be on the train                      |  | Display of amount of users on the train  |                                      | High     |