| **Use-case field** | **Description** |
| --- | --- |
| **Use case name** | Login |
| **Use case overview** | The login feature will be used by users to log in to view the dashboards or if user forgot password |
| **Preconditions** | The user must belong to the user group to view and edit dashboard. The user must have a valid password and ID |
| **Termination outcome** | User can view the main dashboard which has options to select indicators |
| **Use case description** | When the user visits the website he is presented with an option to Login. The user enters the login ID and passwords in corresponding fields and clicks on the Login button. Once authenticated the user can view the dashboard which is interactive else he/she will be presented with a view only default dashboard. |
| **Use case associations** | Home Page |
| **Input summary** | User must have a valid log in ID and password |
| **Output summary** | User is redirected to home screen or dashboard |

| **Use-case field** | **Description** |
| --- | --- |
| **Use case name** | Home Screen / Dashboard |
| **Use case overview** | This is the landing page which will display visualizations of at least four indicators and links to view each individual dashboards |
| **Preconditions** | The user should be authorized and be able to log in successfully |
| **Termination outcome** | User can view the dashboard that contains visualizations of indicators such as current number of bikes available, cark parking, Buses and Traffic data |
| **Use case description** | If the user is authenticated he/she can view the main home page which will have a real time interactive dashboard. The user can view individual data for each of the indicators using UI controls (tabs/panel) |
| **Use case associations** | A list of other use cases that are associated with this use case. |
| **Input summary** | N/A |
| **Output summary** | N/A |

| **Use-case field** | **Description** |
| --- | --- |
| **Use case name** | Bikes Dashboard |
| **Use case overview** | This dashboard will display real time data pulled from Dublin bikes API/XML. Recommendations for decision making will also be displayed |
| **Preconditions** | User clicks on the “Bikes” tab/panel |
| **Termination outcome** | User can view an interactive dashboard that displays visualizations and information of Dublin bikes data or backed up data pulled from the database |
| **Use case description** | When the user clicks on the Bikes tab/panel, a new screen displaying the information related to Dublin bikes data is displayed/visualized on the screen. Current trends or recommendations based on other traffic data will also be displayed under the dashboards. This will help the mobility service administrators in making decisions regarding the same. |
| **Use case associations** | Home Page |
| **Input summary** | N/A |
| **Output summary** | N/A |

| **Use-case field** | **Description** |
| --- | --- |
| **Use case name** | Buses Dashboard |
| **Use case overview** | This dashboard will display real time data pulled from RTPI API. Recommendations for decision making will also be displayed |
| **Preconditions** | User clicks on the “Bus” tab/panel |
| **Termination outcome** | User can view an interactive dashboard that displays visualizations and information of Dublin bus or Bus Eireann data |
| **Use case description** | When the user clicks on the Bus tab/panel, a new screen displaying the information related to Dublin Bus data is displayed/visualized on the screen. Current trends or recommendations based on other traffic data will also be displayed under the dashboards. This will help the mobility service administrators in making decisions regarding the same. |
| **Use case associations** | Home Page |
| **Input summary** | N/A |
| **Output summary** | N/A |

| **Use-case field** | **Description** |
| --- | --- |
| **Use case name** | Traffic Dashboard |
| **Use case overview** | This dashboard will display real time data of journey times and volume traffic. Recommendations for decision making will also be displayed |
| **Preconditions** | User clicks on the “Traffic” tab/panel |
| **Termination outcome** | User can view an interactive dashboard that displays visualizations and information of Traffic information across the city |
| **Use case description** | When the user clicks on the Traffic tab/panel, a new screen displaying the information related to traffic in Dublin City is displayed/visualized on the screen. |
| **Use case associations** | Home Page |
| **Input summary** | N/A |
| **Output summary** | N/A |

| **Use-case field** | **Description** |
| --- | --- |
| **Use case name** | Weather Dashboard |
| **Use case overview** | This dashboard will display real time weather data pulled from API. Recommendations for decision making will also be displayed. |
| **Preconditions** | User clicks on the “Weather” tab/panel |
| **Termination outcome** | User can view an interactive dashboard that displays visualizations and information of the weather in the city. |
| **Use case description** | When the user clicks on the Events tab/panel, a new screen displaying the information related to events in the city is displayed/visualized on the screen. Current trends or recommendations based on other traffic data will also be displayed under the dashboards. A back up of the database with the calendar of events will be displayed if the API service is down. This will help the mobility service administrators in making decisions regarding the same. |
| **Use case associations** | Home Page |
| **Input summary** | N/A |
| **Output summary** | N/A |

| **Use-case field** | **Description** |
| --- | --- |
| **Use case name** | Events Dashboard |
| **Use case overview** | This dashboard will display real time data pulled from events API from Eventbrite. Recommendations for decision making will also be displayed. |
| **Preconditions** | User clicks on the “Events” tab/panel |
| **Termination outcome** | User can view an interactive dashboard that displays visualizations and information of the events around the city. |
| **Use case description** | When the user clicks on the Events tab/panel, a new screen displaying the information related to events in the city is displayed/visualized on the screen. Current trends or recommendations based on other traffic data will also be displayed under the dashboards. A back up of the database with the calendar of events will be displayed if the API service is down. This will help the mobility service administrators in making decisions regarding the same. |
| **Use case associations** | Home Page |
| **Input summary** | N/A |
| **Output summary** | N/A |