Test Cases Document

# View Driver Profiles

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| --- | --- | --- | --- | --- | --- |
| TestCaseID | Scenario | Driver ID | Driver Name | Expected Result | Actual Result |
| TC\_001\_01 | Select driver from the list | N/A | V | Driver profile is displayed |  |
| TC\_001\_02 | Search for a driver by name | N/A | V | Driver profile is displayed |  |
| TC\_001\_03 | Select a driver name | N/A | I | “Driver Not Found” message is displayed |  |
| TC\_001\_04 | Select a driver ID | I | N/A | "Driver Not Found" message is displayed |  |
| TC\_001\_05 | System error while retrieving data | N/A | N/A | Error message and prompt retry |  |

# View Team Profiles

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| --- | --- | --- | --- | --- | --- |
| TestCaseID | Scenario | Team ID | Team Name | Expected Result | Actual Result |
| TC\_002\_01 | Select team from the list | N/A | N/A | Team profile is displayed |  |
| TC\_002\_02 | Search for a team by name | N/A | V | Team profile is displayed |  |
| TC\_002\_03 | Select by team name | N/A | I | Team profile is displayed |  |
| TC\_002\_04 | Select a team ID | I | N/A | "Team Not Found" message is displayed |  |
| TC\_002\_05 | System error while retrieving data | V | N/A | Error message and prompt retry |  |

# View Race Results

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| --- | --- | --- | --- | --- | --- | --- |
| TestCaseID | Scenario | ID | Name | Season | Expected Result | Actual Result |
| TC\_003\_01 | Select a race from schedule | N/A | V | N/A | Detailed race results are displayed |  |
| TC\_003\_02 | Search for a race by name | N/A | V | V | Detailed race results are displayed |  |
| TC\_003\_03 | Select a race ID | V | N/A | V | "Race Not Found" message is displayed |  |
| TC\_003\_04 | System error while retrieving data | N/A | N/A | N/A | Error message and prompt retry |  |
| TC\_003\_05 | View race result details | V | V | V | Detailed results are displayed |  |

# View Season Standings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TestCaseID | Scenario | Season | Category | Expected Result | Actual Result |
| TC\_004\_01 | View standings for the current season | V | Drivers | Current season standings are displayed |  |
| TC\_004\_02 | View standings for the current season | V | Teams | Current season standings are displayed |  |
| TC\_004\_03 | Select a past season for standings | V | Drivers | Past season standings are displayed |  |
| TC\_004\_04 | System error while retrieving data | N/A | N/A | Error message and prompt retry |  |
| TC\_004\_05 | View visual representation of standings | V | Drivers | Standings displayed with charts/graphs |  |

# Access Historical Data

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| --- | --- | --- | --- | --- | --- |
| TestCaseID | Scenario | Season | DataType | Expected Result | Actual Result |
| TC\_005\_01 | Access data for a past season | V | Full Season | Historical data is displayed |  |
| TC\_005\_02 | Search for a specific historical event | V | Race | Historical data is displayed |  |
| TC\_005\_03 | No historical data available | I | Full Season | "Data Not Available" message is displayed |  |
| TC\_005\_04 | System error while retrieving data | N/A | N/A | Error message and prompt retry |  |
| TC\_005\_05 | View historical data details | V | Race | Detailed historical data is displayed |  |

# Track Race Calendar

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| --- | --- | --- | --- | --- | --- |
| TestCaseID | Scenario | ViewType | Year | Expected Result | Actual Result |
| TC\_006\_01 | View current season calendar | Monthly | V | Race dates, venues, and times displayed |  |
| TC\_006\_02 | Search for a specific race date | N/A | V | Date and details for the race displayed |  |
| TC\_006\_03 | Invalid filter applied | Custom | I | Prompt to correct input displayed |  |
| TC\_006\_04 | System error while retrieving data | N/A | N/A | Error message and prompt retry |  |
| TC\_006\_05 | Export race calendar | Weekly | V | Option to export calendar displayed |  |

# View Track Information

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| --- | --- | --- | --- | --- | --- |
| TestCaseID | Scenario | Track Name | Year | Expected Result | Actual Result |
| TC\_007\_01 | View track information | V | V | Detailed track information is displayed |  |
| TC\_007\_02 | Search for a track | V | V | Detailed track information is displayed |  |
| TC\_007\_03 | Invalid track name | I | V | "Track Not Found" message is displayed |  |
| TC\_007\_04 | System error while retrieving data | N/A | N/A | Error message and prompt retry |  |
| TC\_007\_05 | View track performance statistics | V | V | Historical performance data displayed |  |

# View Race Highlights

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| --- | --- | --- | --- | --- | --- |
| TestCaseID | Scenario | Race Name | Year | Expected Result | Actual Result |
| TC\_008\_01 | View highlights for a completed race | V | V | Highlights and key moments displayed |  |
| TC\_008\_02 | Search for highlights by race name | V | V | Highlights and key moments displayed |  |
| TC\_008\_03 | No highlights available | I | V | "Race Highlights Not Available" message |  |
| TC\_008\_04 | System error while retrieving data | N/A | N/A | Error message and prompt retry |  |
| TC\_008\_05 | View multimedia race highlights | V | V | Multimedia highlights are displayed |  |