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| **Scenario** | User opens the app and can see the menu | | |
| **Test ID** | TC-1 | | |
| **Dependencies** | None | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Open the app by pressing the icon | None | The menu appears and is interactable |
|  |  |  | The clock at the top of the screen is functional |

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| **Scenario** | User is presented with a list of today’s races and can select a race | | |
| **Test ID** | TC-2 | | |
| **Dependencies** | TC-1 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Start todays races is pressed | None | A list of all current dates races is displayed |
|  | A race button is pressed | None | The race details screen appears |

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| **Scenario** | User is able to fill details page | | |
| **Test ID** | TC-3 | | |
| **Dependencies** | TC-2 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | The race details screen is visible | None | The official details pans is visible with dropdowns populated |
|  |  |  | The weather details page is visible with data presented if connected to the internet |
|  | User chooses a Race officer picker item | None | The picker item is selected |
|  | User chooses a Safety Helm picker item | None | The picker item is selected |
|  | User chooses a Safety Crew picker item | None | The picker item is selected |
|  | The User indicates the conditions shown above are correct | None | The radio button is selectable |
|  | The user can switch to the conditions are different and is able to enter details | ‘Weather details’ | The radio button switches and text can be written |
|  | The next button is pressed | None | The page switches to the boat park |

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| **Scenario** | User prevented from not filling out details | | |
| **Test ID** | TC-4 | | |
| **Dependencies** | TC-2 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | The race details screen is visible | None | The official details pans is visible with dropdowns populated |
|  |  |  | The weather details page is visible with data presented if connected to the internet |
|  | User doesn’t choose a Race officer and presses next | None | An error popup appears |
|  | User sets race officer data | None | Data is set |
|  | User doesn’t choose a Safety Helm picker item | None | An error popup appears |
|  | User sets a safety helm | None | Data is set |
|  | User doesn’t choose a Safety Crew picker item | None | An error popup appears |
|  | User sets a safety crew | None | Data is set |
|  | The user doesn’t choose either radio button | None | An error popup appears |
|  | The radio button is set | None | Data is set |
|  | The next button is pressed | None | The page switches to the boat park |

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| **Scenario** | User is able to select boats from the boat park | | |
| **Test ID** | TC-5 | | |
| **Dependencies** | TC-3 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | The boat list is visible | None | The boat list is shown in a grid and is scrollable |
| 2 | User selects on a boat | None | The button turns green |
| 3 | User selects 2 more boats | None | Each button turns green |
| 4 | User presses next | None | The race start view is shown |

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| **Scenario** | User is unable to select less than 3 boats to race | | |
| **Test ID** | TC-6 | | |
| **Dependencies** | TC-3 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | The boat list is visible | None | The boat list is shown in a grid and is scrollable |
| 2 | User selects on a boat | None | The button turns green |
| 3 | User presses next | None | An error message appears |

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| **Scenario** | The current time is displayed prior to the countdown screen | | |
| **Test ID** | TC-7 | | |
| **Dependencies** | TC-6 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | The current time is visible in 12-hour format | None | The time is visible and counting |
| 2 | User presses start | None | The countdown starts |

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| **Scenario** | The countdown starts from 5 minutes and all flags are shown | | |
| **Test ID** | TC-8 | | |
| **Dependencies** | TC-7 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Check | None | The countdown starts at 5 and decrements |
| 2 | Check | None | The 5 minute flag displays immediately with a sound signal |
| 3 | Check | None | The 4 minute flag displays with a sound signal at the 4 min mark |
| 4 | Check | None | The 4 minute flag disappears at 1 minute |
| 5 | Check | None | The 5 minute disappears at 0 and the page switches to the race view |

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| **Scenario** | The Abandon button returns to the main menu | | |
| **Test ID** | TC-9 | | |
| **Dependencies** | TC-7 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press the abandon button | None | The user is returned to the main menu |

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| **Scenario** | The reset timer button returns the user to the current time screen | | |
| **Test ID** | TC-10 | | |
| **Dependencies** | TC-7 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press the reset sequence button | None | The user is returned to the current time screen |
| 2 | Press start | None | The race sequence can be started again |

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| **Scenario** | The race screen appears | | |
| **Test ID** | TC-11 | | |
| **Dependencies** | TC-8 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Check | None | The race view appears with each of the boats previously selected in the boat list |

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| **Scenario** | The function buttons can be selected | | |
| **Test ID** | TC-12 | | |
| **Dependencies** | TC-8 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press the lap button for a boat | None | The lap button increments |
| 2 | Select a picker | None | The picker contains a list of different classification |
| 3 | Select a picker item | None | The picker item is set |
| 4 | Press the finish button | None | The boat goes grey and the buttons are disabled |
| 5 | Press finish on all the boats | None | The results screen appears |

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| **Scenario** | The abandon button returns the user to the menu | | |
| **Test ID** | TC-13 | | |
| **Dependencies** | TC-8 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press the abandon button | None | The user is returned to the main menu |

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| **Scenario** | The correct race results are produced | | |
| **Test ID** | TC-14 | | |
| **Dependencies** | TC-4 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Select craft from example data | 592, 816, 1216, 1619 | The selected craft turn green |
| 2 | Press Next | None | The screen switches to the start view |
| 3 | Press Start | None | The countdown Starts |
| 4 | Check | None | The race screen appears |
| 5 | At 1 minute press lap on 592 | None | The lap increments |
| 6 | At 1.20 press lap on 816 | None | The Lap increments |
| 7 | At 1.30 press finish on 1216 | None | The boat goes grey |
| 8 | At 1.40 press lap on 592 | None | The lap increments |
| 9 | At 1.50 press finish on 816 | None | The boat goes grey |
| 10 | At 2.00 press finish on 592 | None | The boat goes grey |
| 11 | Press DNC on 1330 then finish | None | The boat is grey |
| 12 | Check | None | The results order is 592, 1216, 816, 1330 |

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| **Scenario** | The home button returns the user to the main menu | | |
| **Test ID** | TC-15 | | |
| **Dependencies** | TC-14 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press the home button | None | The user is returned to the main menu |

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| **Scenario** | The abandon button discards the race and returns to the main menu | | |
| **Test ID** | TC-16 | | |
| **Dependencies** | TC-14 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press the abandon button | None | The user is returned to the main menu |

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| **Scenario** | The user is presented with 2 query selectors and can filter by series | | |
| **Test ID** | TC-17 | | |
| **Dependencies** | TC-1 (At least 2 races from the same series should also have been completed) | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press Series | None | A list of all the series is presented |
| 2 | Select a series | None | The series results are presented |
| 3 | Check | None | Series results includes all the columns |
| 4 | Check | None | The prior races completed have been combined |

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| **Scenario** | User is presented with 2 query selectors and can filter by series and race | | |
| **Test ID** | TC-18 | | |
| **Dependencies** | TC-1 (At least 1 race should also have been completed) | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press Series | None | A list of all the series is presented |
| 2 | Select a series | None | The series results are presented |
| 3 | Press Race | None | The race picker includes all the races |
| 4 | Select a race | None | Check the race results are displayed and are correct |

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| **Scenario** | The home button returns the user to the main menu | | |
| **Test ID** | TC-19 | | |
| **Dependencies** | TC-18 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press home | None | The main menu is shown |

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| **Scenario** | The admin can see the administration page | | |
| **Test ID** | TC-20 | | |
| **Dependencies** | TC-1 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press the settings icon | None | A popup appears asking for a password |
| 2 | Enter the correct password and submit | None | The admin menu appears |

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| **Scenario** | The race manager menu can be selected | | |
| **Test ID** | TC-21 | | |
| **Dependencies** | TC-20 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press the race manager button | None | The race manager menu appears |
| 2 | Check | None | A list of races scheduled appears |

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| **Scenario** | A new series can be created | | |
| **Test ID** | TC-22 | | |
| **Dependencies** | TC-21 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press the race manager button | None | The race manager menu appears |
| 2 | Press the create series button | None | A native popup appears and asks for a series name to be entered |
| 3 | Enter a series Name | Test Series | Text is accepted |
| 4 | Press OK | None | Series popup appears |
| 5 | Press new Race | None | Use the Series picker to verify the series has been added |

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| **Scenario** | A new series can be created | | |
| **Test ID** | TC-23 | | |
| **Dependencies** | TC-21 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press the race manager button | None | The race manager menu appears |
| 2 | Press the new category button | None | A native popup appears and asks for a category name to be entered |
| 3 | Enter a category Name | Test Category | Text is accepted |
| 4 | Press OK | None | Category popup appears |
| 5 | Press new Race | None | Use the Category picker to verify the series has been added |

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| **Scenario** | A new race can be created | | |
| **Test ID** | TC-24 | | |
| **Dependencies** | TC-21 | | |
| **Step #** | Description | Test Data | Expected Result |
| 1 | Press the race manager button | None | The race manager menu appears |
| 2 | Press the new race button | None | A screen appears asking for details to be added |
| 3 | Select a series | None | A series is selected from the picker |
| 4 | Select a category | None | A category is selected from the picker |
| 5 | Set a date | Any date | The date is set in the date picker |
| 6 | Set a time | Any time | The time is set in the time picker |
| 7 | Enter special event information | Special Event Test | The text is added |
| 8 | Press Save | None | The button redirects to the race management screen |
| 9 | Verify | None | The race just created appears in the list |