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| **Test Category ID** | Accounts |
| **Test Case ID** | A1 |
| **Test Case Summary** | Determining if the username provided for the account complies with the restrictions laid out (No special characters). Ensuring their username is accepted if it does |
| **Related Requirement** | User being able to set the details of their account |
| **Prerequisites** | User must already have gone through the preliminary process of creating their account, now is at the stage of entering details |
| **Test Procedure** | 1. Create new account 2. Input username that does not contain special characters (a shift character from the number keys on a keyboard) Specifically !, @, #, $, %, ^, &, \*, (, ) 3. Fill in all other details according to their own specifications (detailed in other cases) 4. Click submit |
| **Test Data** | String input = “Homy”  String input = “is”  String input = “the”  String input = “best” |
| **Expected Result** | The user should be directed to the next stage of account creation with no issues. |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 21/08/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |

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| **Test Category ID** | Accounts |
| **Test Case ID** | A2 |
| **Test Case Summary** | Determining if the username provided for the account complies with the restrictions laid out (No special characters). Ensuring their username is not accepted if it does |
| **Related Requirement** | User being able to set the details of their account |
| **Prerequisites** | User must already have gone through the preliminary process of creating their account, now is at the stage of entering details |
| **Test Procedure** | 1. Create new account 2. Input username that contain special characters (a shift character from the number keys on a keyboard) Specifically !, @, #, $, %, ^, &, \*, (, ) 3. Fill in all other details according to their own specifications (detailed in other cases) 4. Click submit |
| **Test Data** | String input = “H0my”  String input = “1$”  String input = “th3”  String input = “b3$t!” |
| **Expected Result** | The user should not be directed to the next stage/page of account creation. Instead an error message should appear that explicitly informs the user that they have entered an invalid username because it contains special characters |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 21/08/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |

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| **Test Category ID** | Accounts |
| **Test Case ID** | A3 |
| **Test Case Summary** | Determining if the password provided for the account complies with the restrictions laid out (Must have at least 1 special character). Ensuring their password is accepted if it does |
| **Related Requirement** | User being able to set the details of their account |
| **Prerequisites** | User must already have gone through the preliminary process of creating their account, now is at the stage of entering details |
| **Test Procedure** | 1. Create new account 2. Input password that contain at least one special character (a shift character from the number keys on a keyboard) Specifically !, @, #, $, %, ^, &, \*, (, ) 3. Fill in all other details according to their own specifications (detailed in other cases) 4. Click submit |
| **Test Data** | String input = “password1”  String input = “p@ssword”  String input = “passw0rd”  String input = “%PASSWORD%” |
| **Expected Result** | The user should be directed to the next stage of account creation with no issues. |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 21/08/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |

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| **Test Category ID** | Accounts |
| **Test Case ID** | A4 |
| **Test Case Summary** | Determining if the password provided for the account complies with the restrictions laid out (Must have at least 1 special character). Ensuring their password is not accepted if it does not |
| **Related Requirement** | User being able to set the details of their account |
| **Prerequisites** | User must already have gone through the preliminary process of creating their account, now is at the stage of entering details |
| **Test Procedure** | 1. Create new account 2. Input password that does not contain special characters (a shift character from the number keys on a keyboard) Specifically !, @, #, $, %, ^, &, \*, (, ) 3. Fill in all other details according to their own specifications (detailed in other cases) 4. Click submit |
| **Test Data** | String input = “password”  String input = “fakepassword”  String input = “trustmethisworks”  String input = “please” |
| **Expected Result** | The user should not be directed to the next stage/page of account creation. Instead an error message should appear that explicitly informs the user that they have entered an invalid password because it does not contains special characters |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 21/08/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |

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| **Test Category ID** | Calendar |
| **Test Case ID** | C1 |
| **Test Case Summary** | Determining if the end date of an event is valid. Meaning it is a later time/date than the start date/time |
| **Related Requirement** | User being able to set events to their calendar.  User must already have an account on the calendar API. |
| **Prerequisites** | User must have already set a start time/date for their event |
| **Test Procedure** | 1. Create an event 2. Set a start time/date for the event 3. Set an end time/date for the event that is a later time/date than the start 4. Fill in the other details according to their own specifications (detailed in other cases) 5. Click submit |
| **Test Data** | Long input for start time/date = 20/08/2019, 10:00AM (*currentTimeMillis*)  Long input for start time/date = 20/08/2019, 12:00PM (*currentTimeMillis*) |
| **Expected Result** | The event should be created an added to the respective time/date specified with no issue |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 21/08/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |

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| **Test Category ID** | Calendar |
| **Test Case ID** | C2 |
| **Test Case Summary** | Determining if the system will reject an invalid end time/date. Meaning it is NOT a later time/date than the start date/time |
| **Related Requirement** | User being able to set events to their calendar.  User must already have an account on the calendar API. |
| **Prerequisites** | User must have already set a start time/date for their event |
| **Test Procedure** | 1. Create an event 2. Set a start time/date for the event 3. Set an end time/date for the event that is a earlier time/date than the start 4. Fill in the other details according to their own specifications (detailed in other cases) 5. Click submit |
| **Test Data** | Long input for start time/date = 20/08/2019, 10:00AM (*currentTimeMillis*)  Long input for start time/date = 12/08/2019, 12:00PM (*currentTimeMillis*) |
| **Expected Result** | The event should not be added to the calendar and an error message should notify the user that their end date/time is earlier than the start date/time |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 21/08/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |

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| **Test Category ID** | Calendar |
| **Test Case ID** | E1 |
| **Test Case Summary** | Determining if an event is created on a valid date/time, not in the past. Thus, it is a later date/time than the current. Ensuring a future date is accepted by the system |
| **Related Requirement** | User being able to create events using the event API |
| **Prerequisites** | User must have an account on the events API already |
| **Test Procedure** | 1. Create an event 2. Set the event date/time that is in the future 3. Fill in the other details according to their own specifications (detailed in other cases) 4. Click submit |
| **Test Data** | Long input for start time/date = 20/08/2020, 10:00AM (*currentTimeMillis*)  Long input for start time/date = 12/08/3000, 12:00PM (*currentTimeMillis*) |
| **Expected Result** | The event should be created without an issue. |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 21/08/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |

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| **Test Category ID** | Calendar |
| **Test Case ID** | E2 |
| **Test Case Summary** | Determining if an event is created on a valid date/time, not in the past. Thus, it is a later date/time than the current. Ensuring a past date is not accepted by the system |
| **Related Requirement** | User being able to create events using the event API |
| **Prerequisites** | User must have an account on the events API already |
| **Test Procedure** | 1. Create an event 2. Set the event date/time that is in the past 3. Fill in the other details according to their own specifications (detailed in other cases) 4. Click submit |
| **Test Data** | Long input for start time/date = 01/01/1970, 5:00AM (*currentTimeMillis*)  Long input for start time/date = 16/01/2000, 4:00PM (*currentTimeMillis*) |
| **Expected Result** | The event should not be created an the user should be prompted with an error message that notifies them that the date is invalid because its in the past |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 21/08/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |

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| **Test Category ID** | Account |
| **Test Case ID** | A5 |
| **Test Case Summary** | Determining if the system can detect the caps lock key state. If so we can display an error message to the user |
| **Related Requirement** | As a user I want error messages to tell me if Im entering my password in a definite wrong way (E.g. caps lock is on) |
| **Prerequisites** | The user can to enter keys into the password text input field |
| **Test Procedure** | 1. Click on the password input field 2. Toggle the caps lock key on 3. Enter the password (from test data) |
| **Test Data** | Password: “CAPSLOCKISON” |
| **Expected Result** | An error message appears on screen indicating that the user has their caps lock toggled on |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 11/09/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |

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| **Test Category ID** | Account |
| **Test Case ID** | A6 |
| **Test Case Summary** | Determining if the email input field complies with the regex, accepts an email of the appropriate regex |
| **Related Requirement** | As a user I want to be able to set my account details, so people know who i am and how to contact me |
| **Prerequisites** | The user can create an account and is now inputting their account details |
| **Test Procedure** | 1. Click on the email input field 2. Enters the email from test data 3. Clicks the create account button |
| **Test Data** | Email: “correctemail@goodregex.com” |
| **Expected Result** | The user can create an account with this email |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 11/09/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |

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| **Test Category ID** | Account |
| **Test Case ID** | A7 |
| **Test Case Summary** | Determining if the email input field complies with the regex, rejects an email that fails to meet the regex |
| **Related Requirement** | As a user I want to be able to set my account details, so people know who i am and how to contact me |
| **Prerequisites** | The user can create an account and is now inputting their account details |
| **Test Procedure** | 1. Click on the email input field 2. Enters the email from test data 3. Clicks the create account button |
| **Test Data** | Email: “incorrectemail@badregex.com” |
| **Expected Result** | The user cannot create an account with this email and is given an error message indicating their email input error |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 11/09/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |

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| **Test Category ID** | Account |
| **Test Case ID** | A8 |
| **Test Case Summary** | Determining if the system can detect empty fields in the account details |
| **Related Requirement** | As a user I want to be able to set my account details, so people know who i am and how to contact me |
| **Prerequisites** | The user can create an account and is entering the details |
| **Test Procedure** | 1. Enter an input valid to the corresponding input field for every second field 2. Click the create account button |
| **Test Data** | N/A |
| **Expected Result** | An error message appears on screen indicating which input fields have been left blank |
| **Actual Result** | The actual result of the test; to be filled after executing the test. |
| **Status** | Pass or Fail. Other statuses can be ‘Not Executed’ if testing is not performed and ‘Blocked’ if testing is blocked. |
| **Remarks** | Any comments on the test case or test execution. |
| **Created By** | Duncan Do. S3718718 |
| **Date of Creation** | 11/09/2019 |
| **Executed By** | The name of the person who executed the test. |
| **Date of Execution** | The date of execution of the test. |
| **Test Environment** | The environment (Hardware/Software/Network) in which the test was executed. |