TEST PLAN

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| System name: Membership system  Program name: Member form validation  Module name: Sport Club membership system | | | Version No: 2    Tester name: Tan Li Wei | | Page No:1 |
| Test No | Purpose/Type of test | Input/Filename | | Expected Output/Filename | |
| T001 | Valid modulus 11 number. | Input number 135275 in membership number case. | | Valid number modulus 11 success. | |
| T002 | Valid modulus 11 number. | Input number 138527 in membership number case. | | Valid number modulus 11 fail, output error effect at case and error massage: ‘Membership number is not a valid modulus 11 number’ below membership number case. | |
| T003 | Valid membership number 6 digit. | Input 135276 in membership number case. | | Valid number digits success. | |
| T004 | Valid membership number 6 digit. | Input 1845 in membership number case. | | Valid membership check digits fail, output error effect at case and error massage:  ‘Membership number is not 6 digits’ below membership number case. | |
| T005 | Valid date of birth | Input date 11/11/2011 in date of birth case. | | Valid date of birth success. | |
| T006 | Valid date of birth | Input date 11/11/11111 in date of birth case. | | Valid date of birth fail, output error effect at case and error massage: ‘Incorrect date of birth format’ below date of birth case. | |
| T007 | Valid join date | Input date 11/11/2011 in join date case. | | Valid join date success. | |
| T008 | Valid join date | Input date 11/11/11111 in join date case. | | Valid date of birth fail, output error effect at case and error massage: ‘Incorrect join date format’ below date of birth case. | |
| T009 | Valid first name | Input Reborn in first name case | | Valid first name success. | |

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| T010 | Valid first name | Input 13527 in first name case. | Valid first name fail, output error effect at case and error message: ‘Incorrect first name format’ below first name case. |
| T011 | Valid last name | Input James in last name case. | Valid last name success. |
| T012 | Valid last name | Input 135276 in last name case. | Valid last name fail, output error effect at case and error message: ‘Incorrect last name format’ below last name case. |
| T013 | Valid address | Input Pekan Nanas Johor in address case | Valid address success. |
| T014 | Valid address | Not input anything in address case. | Valid address fail, output error effect at case and error message: ‘Incorrect Address Format’ below addresses case. |
| T015 | Valid postal code | Input 81500 in postal code case. | Valid postal code success. |
| T016 | Valid postal code | Not input anything in postal code case | Valid postal code fail, output error effect and error massage: ‘Incorrect postal code format’ below postal code case. |

TEST LOG

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| System name: Membership system  Program name: Member form validation  Module name: Sport Club membership system | | Version No: 2    Tester name: Tan Li Wei | | Page No:5 |
| Test No | Actual Output/Filename | | Comments on discrepancies | |
| T001 | Valid number modulus 11 success. Not output anything. | | Same. | |
| T002 | Valid fail, membership number case output error effect at case and error massage: ‘Membership number is not a valid modulus 11 number’ below membership number case. | | Same. | |
| T003 | Valid number digits success.  Not output anything. | | Same. | |
| T004 | Valid fail, output error effect at case and error massage:  ‘Membership number is not 6 digits’ below membership number case. | | Same. | |
| T005 | Valid date of birth success. Not output anything. | | Same. | |
| T006 | Valid fail, output error effect at case and error massage: ‘Incorrect date of birth format’ below date of birth case. | | Same. | |
| T007 | Valid join date success. Not output anything. | | Same. | |
| T008 | Valid fail, output error effect at case and error massage: ‘Incorrect join date format’ below date of birth case | | Same. | |
| T009 | Valid first name success. Not output anything. | | Same. | |
| T010 | Valid fail, output error effect at case and error message: ‘Incorrect first name format’ below first name case. | | Same. | |
| T011 | Valid last name success. Not output anything. | | Same. | |
| T012 | Valid fail, output error effect at case and error message: ‘Incorrect last name format’ below last name case. | | Same. | |
| T013 | Valid address success. Not output anything. | | Same. | |
| T014 | Valid fail, output error effect at case and error message: ‘Incorrect Address Format’ below addresses case. | | Same. | |
| T015 | Valid postal code success. Not output anything. | | Same. | |
| T016 | Valid fail, output error effect and error massage: ‘Incorrect postal code format’ below postal code case. | | Same. | |

TEST REPORT

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| System name: Membership system  Program name: Member form validation  Module name: Sport Club membership system | | | Version No: 2    Tester name: Tan Li Wei | | Page No:3 | |
| Test No | Status | Purpose/Type of test | | Report | | |
| T001 | Absence | Valid modulus 11 number. | | Input number is modulus 11 in membership number case. Valid form successful. | | |
| T002 | Presence | Valid modulus 11 number. | | Input number not modulus 11 numbers, membership number case is only accepting modulus 11 number, for example: 135275. | | |
| T003 | Absence | Valid membership number 6 digit. | | Input number is 6 digits in membership number case. Valid form successful. | | |
| T004 | Presence | Valid membership number 6 digit. | | Input number is not reaching 6 digits membership number is only accepting 6 digit number in case, for example: 123456. | | |
| T005 | Absence | Valid date of birth | | Input birth date format is true in date select case. Valid form successful. | | |
| T006 | Presence | Valid date of birth | | Input birth date format valid is fail because date of year is bigger than 5 digits number, for example: 2017. | | |
| T007 | Absence | Valid join date | | Input join date is true in date select case. Valid form successful. | | |
| T008 | Presence | Valid join date | | Input join date format valid is fail because date of year is bigger than 5 digits number, for example: 2017. | | |
| T009 | Absence | Valid first name | | Input reverse in first name case. Valid first name success. | |
| T010 | Presence | Valid first name | | Input first name valid fail, first name case is not accepting numeric. For example: 123 are not accepting in first name case. | | |
| T011 | Absence | Valid last name | | Input last name is true in last name case. Valid form successful. | | |
| T012 | Presence | Valid last name | | Input last name valid fail, last name case is not accepting numeric. For example: 123 are not accepting in first name case. | | |
| T013 | Absence | Valid address | | Input address is valid success in address case. Valid form successful. | | |
| T014 | Presence | Valid address | | Input address is fail because input number could not be empty. For example: Kulai Johor. | | |
| T015 | Absence | Valid postal code | | Input postal code is success in postal code case. Valid form successful. | | |
| T016 | Presence | Valid postal code | | Input postal code is fail because address case could not be empty, for example: 81500. | | |

TEST DATA

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| System name: Membership system  Program name: Member form validation  Module name: Sport Club membership system | | | Version No: 2    Tester name: Tan Li Wei | | Page No:4 |
| Test No | Purpose/Type of test | Input Case | | Input Data | |
| T001 | Valid modulus 11 number success. | Membership number case. | | 135275  111112  123129  845752 | |
| T002 | Valid modulus 11 number fails. | Membership number case. | | 138527  111111  123123  Not input anything. | |
| T003 | Valid membership number 6 digit success. | Membership number case. | | 123456  548451  789545  548546 | |
| T004 | Valid membership number 6 digit fails. | Membership number case. | | 1  23  544  5866  Not input anything. | |
| T005 | Valid date of birth success. | Date of birth case. | | 18-11-1997  09-12-1998  03-07-1999  20-09-2000  10-09-2001 | |
| T006 | Valid date of birth fails. | Date of birth case. | | 18-11-19974  09-12-19985  03-07-199985  20-09-200058  Not input anything. | |
| T007 | Valid join date of birth success. | Valid join date | | 18-11-1997  09-12-1998  03-07-1999  20-09-2000  10-09-2001 | |
| T008 | Valid join date of birth fails. | Valid join date | | 18-11-19974  09-12-19985  03-07-199985  20-09-200058  Not input anything. | |
| T09 | Valid first name success. | Valid first name | | James  Johnny  Reborn  Jonson  Mobby | |

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| T010 | Valid first name fails. | First name case. | 123  65  @  $%^  Not input anything. |
| T011 | Valid last name success. | Last name case. | Reborn  Bean  Johnny  Jolly  Cobi |
| T012 | Valid last name fails. | Last name case. | !  ~~  $$$  1234  Not input anything. |
| T013 | Valid address success. | Address case | Pekan Nanas Johor  Kulai Johor  Batu Pahat Johor  Klung Johor  Pontian Johor |
| T014 | Valid address fails. | Address case. | Not input anything. |
| T015 | Valid postal code success. | Postal code case. | 81500  81000  82000  83000 |
| T016 | Valid postal code fails. | Postal code case | Not input anything. |

TEST EVIDENCE

[T001](test_result/test_plan_check%20T%20(1).docx) (Reference to Page)

[T002](test_result/test_plan_check%20T%20(2).docx) (Reference to Page)

[T003](test_result/test_plan_check%20T%20(3).docx) (Reference to Page)

[T004](test_result/test_plan_check%20T%20(4).docx) (Reference to Page)

[T005](test_result/test_plan_check%20T%20(5).docx) (Reference to Page)

[T006](test_result/test_plan_check%20T%20(6).docx) (Reference to Page)

[T007](test_result/test_plan_check%20T%20(7).docx) (Reference to Page)

[T008](test_result/test_plan_check%20T%20(8).docx) (Reference to Page)

[T009](test_result/test_plan_check%20T%20(9).docx) (Reference to Page)

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[T011](test_result/test_plan_check%20T%20(11).docx) (Reference to Page)

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[T014](test_result/test_plan_check%20T%20(14).docx) (Reference to Page)

[T015](test_result/test_plan_check%20T%20(15).docx) (Reference to Page)

[T016](test_result/test_plan_check%20T%20(16).docx) (Reference to Page)