

Sprint 1 Summary

User Stories:

1. **US01: Dates before current date**
Description: Dates such as birth, marriage, divorce and death should not be after the current date
Developer: Sawyer Coleman
LOC: 53
2. **US07: Less than 150 years old**
Description: Death should be less than 150 years after birth for dead people, and current date should be less than 150 years after birth for all living people
Developer: Sawyer Coleman
LOC: 95
3. **US08: Birth before marriage of parent**
Description: Birth of the Child should be born after marriage of parents and not more than 9 months after divorce
Developer: Bharath Kumar
LOC: 79
4. **US09: Birth before death of parent**
Description: Birth of the Child should be born before death of the mother and before 9 months after death of father
Developer: Bharath Kumar
LOC: 52
5. **US23: Unique name and birth date**
Description: No more than one family with the same name and birth date should appear in GEDCOM file
Developer: Houston Migdon
LOC: 29
6. **US16: Male last name**
Description: All male member of a family should have the same last name
Developer: Houston Migdon
LOC: 18

Error Description

I01:

- ⇒ Birth year = 0941; Age = 1037 → US07
- ⇒ Death year = 2020 → US01
- ⇒

I03:

- ⇒ Birth year = 2963 → US01

I04:

- ⇒ Birth year = 0961; Age = 1055 → US07
- ⇒

I05:

⇒ Death year = 2020 → US01

I06:

⇒ Birth year = 0968; Age = 1048 → US07

⇒

I13:

⇒ Birth year = 0961; Age = 1055 → US07

⇒ Name = Frank Gonzalez; Birth date 2 SEP 0961 → US16

F01:

⇒ Child I06 Birth year = 0968; Marriage year = 1957 → US08

⇒ Child I03 Birth year = 2963; Father Death year = 1978 → US09

F02:

⇒ Divorce year = 2020 → US01

⇒ Child I11 last name = Roberts; Fathers last name = Gonzalez → US23

F03:

⇒ Child I07 Birth year = 1992; Marriage year = 2991 → US08

⇒ Child I08 Birth year = 1995; Marriage year = 2991 → US08

⇒ Child I09 Birth year = 1997; Marriage year = 2991 → US08

⇒ Marriage year = 2991 → US01

Output:

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BharathKumar@ANIMUS: /mnt/d/Educational/MS-CE/SUMMER 2017/Me/Github repo/BHS_Project_SSW_555/Sprint/Sprint15
BharathKumar@ANIMUS: /mnt/d/Educational/MS-CE/SUMMER 2017/Me/Github repo/BHS_Project_SSW_555/Sprint/Sprint15 python BHS_555.py
INDIVIDUAL DATABASE:
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| ID | Name | Gender | Birthday | Age | Alive | Death | Child | Spouse |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 101 | David /Jole/ | M | 7 FEB 0941 | 1037 | FALSE | 13 SEP 1978 | None | ['F1'] |
| 102 | Jillian /Kelly/ | F | 5 APR 1939 | 78 | TRUE | N/A | None | ['F1', 'F2'] |
| 103 | Betty /Jole/ | F | 16 MAR 2963 | -946 | TRUE | N/A | F1 | ['F3'] |
| 104 | Frank /Gonzalez/ | M | 2 SEP 0961 | 1055 | TRUE | N/A | None | ['F3'] |
| 105 | Bob /George/ | M | 14 JUN 1945 | 75 | FALSE | 25 DEC 2020 | None | ['F2'] |
| 106 | Anne /Jole/ | F | 19 DEC 0968 | 1048 | TRUE | N/A | F1 | N/A |
| 107 | Daisey /Gonzalez/ | F | 27 MAR 1992 | 25 | TRUE | N/A | F3 | N/A |
| 108 | Dave /Gonzalez/ | M | 10 OCT 1995 | 21 | TRUE | N/A | F3 | N/A |
| 109 | John /Gonzalez/ | M | 10 OCT 1997 | 19 | TRUE | N/A | F3 | N/A |
| 110 | Julia /Roberts/ | F | 4 SEP 1987 | 29 | TRUE | N/A | F2 | N/A |
| 111 | Jesse /Roberts/ | M | 14 FEB 1989 | 28 | TRUE | N/A | F2 | ['F4'] |
| 112 | Olivia /Weaver/ | F | 27 DEC 1991 | 25 | TRUE | N/A | None | ['F4'] |
| 113 | Frank /Gonzalez/ | M | 2 SEP 0961 | 1055 | TRUE | N/A | None | ['F3'] |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

FAMILY DATABASE:
+-----+-----+-----+-----+-----+-----+-----+-----+
| ID | Married | Divorced | Husband ID | Husband Name | Wife ID | Wife Name | Children |
+-----+-----+-----+-----+-----+-----+-----+-----+
| F01 | 9 NOV 1957 | N/A | 101 | David /Jole/ | 102 | Jillian /Kelly/ | ['I03', 'I06'] |
| F02 | 20 JUN 1986 | 20 MAR 2020 | 105 | Bob /George/ | 102 | Jillian /Kelly/ | ['I10', 'I11'] |
| F03 | 3 MAR 2991 | N/A | 104 | Frank /Gonzalez/ | 103 | Betty /Jole/ | ['I07', 'I08', 'I09'] |
| F04 | 27 JUL 2009 | N/A | 111 | Jesse /Roberts/ | 112 | Olivia /Weaver/ | N/A |
+-----+-----+-----+-----+-----+-----+-----+-----+

ANOMALY: FAMILY: US08: F01: Child I06 born 19 DEC 0968 before marriage on 9 NOV 1957
ANOMALY: FAMILY: US08: F03: Child I07 born 27 MAR 1992 before marriage on 3 MAR 2991
ANOMALY: FAMILY: US08: F03: Child I08 born 10 OCT 1995 before marriage on 3 MAR 2991
ANOMALY: FAMILY: US08: F03: Child I09 born 10 OCT 1997 before marriage on 3 MAR 2991
ANOMALY: FAMILY: US09: F01: Child I03 born 16 MAR 2963 after father's death (after 9 months) on 13 SEP 1978
ERROR: INDIVIDUAL: US01: I03: The date of birth, 16 MAR 2963, occurs in the future
ERROR: INDIVIDUAL: US01: I05: The date of death, 25 DEC 2020, occurs in the future
ERROR: FAMILY: US01: F02: The date of divorce, 20 MAR 2020, occurs in the future
ERROR: FAMILY: US01: F03: The date of marriage, 3 MAR 2991, occurs in the future
ERROR: INDIVIDUAL: US07: I01: Individual is older than 150 years old
ERROR: INDIVIDUAL: US07: I04: Individual is older than 150 years old
ERROR: INDIVIDUAL: US07: I06: Individual is older than 150 years old
ERROR: INDIVIDUAL: US07: I13: Individual is older than 150 years old
ERROR: FAMILY: US23: F02: The child I11 ( Jesse /Roberts/ ) is not having the family name "George"
ERROR: INDIVIDUAL: US16: I13: The individual I13 is sharing the Same Name "Frank /Gonzalez/" and Date of Birth "2 SEP 0961" with another individual
BharathKumar@ANIMUS: /mnt/d/Educational/MS-CE/SUMMER 2017/Me/Github repo/BHS_Project_SSW_555/Sprint/Sprint15
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