**Project Backlog for GEDCOM Family Tree validation project.**

Team: Zachary Donato, Dmitriy Grishin.

GitHub repository name: https://github.com/zdonato/GEDComReader

User Story 03:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate family tree for the correctness of the Birth date.

* Birth should occur before death of an individual
* Raise the exception, errors above were discovered

User Story Name: Birth before death

User Story 02:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate family tree for the correctness of marked as married.

* Birth should occur before marriage of an individual
* Raise the exception, errors above were discovered

User Story Name: Birth before marriage

User Story 06:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate family tree for the correctness of marked as divorced.

* Divorce can only occur before death of both spouses
* Raise the exception, errors above were discovered

User Story Name: Divorce before death

User Story 11:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate family tree, if family relationship for married persons correct.

* Marriage should not occur during marriage to another spouse
* ­Raise the exception, errors above were discovered

User Story Name: No bigamy

User Story 05:

As developer, after user enters all entries to GEDCOM Family Tree, need to validate family tree, if date of marriage is correct after person marked as dead.

* Marriage should occur before death of either spouse
* Raise the exception, errors above were discovered

User Story Name: Marriage before death

User Story 07:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate family tree, if person is less than 150 years old.

* 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
* Raise the exception, errors above were discovered

User Story Name:  Less then 150 years old

User Story 01:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate family tree, need to make sure all dates are before the current date.

* Dates (birth, marriage, divorce, death) should not be after the current date
* Raise the exception, errors above were discovered

User Story Name: Dates before current date

User Story 08:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate family tree, need to make sure the birth of a child is after the marriage of the parents and before their divorce if there is one.

* Child should be born after marriage of parents (and before their divorce)
* Raise the exception, errors above were discovered

User Story Name: Birth before marriage of parents

User Story 10:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate that a person’s marriage is after they are 14 years of age.

* Marriage should be at least 14 years after birth of both spouses
* Raise the exception, errors above were discovered

User Story Name: Marriage after 14

User Story 12:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate that the mother and father are not too old to have children.

* Mother should be less than 60 years older than her children and father should be less than 80 years older than his children
* Raise the exception, errors above were discovered

User Story Name: Parents not too old

User Story 13:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate that siblings were not born too far apart.

* Birth dates of siblings should be more than 8 months apart or less than 2 days apart
* Raise the exception, errors above were discovered

User Story Name: Siblings Spacing

User Story 17:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate that all males in a family have the same last name.

* All male members of a family should have the same last name
* Raise the exception, errors above were discovered

User Story Name: Male last names

User Story 18:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate that siblings do not marry each other.

* Siblings should not marry one another
* Raise the exception, errors above were discovered

User Story Name: Siblings should not marry

User Story 21:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate the husband and wife of a family have the correct gender.

* Husband in family should be male and wife in family should be female
* Raise exception, errors above were discovered

User Story Name: Correct gender for role

User Story 22:

As a developer, after user enters all entries to GEDCOM Family Tree, need to validate that all ID’s are unique.

* All individual IDs should be unique and all family IDs should be unique
* Raise exception, errors above were discovered

User Story Name: Unique IDs

User Story 27:

As a developer, after user enters all entries to GEDCOM Family Tree, include the person’s current age when listing individuals.

* Include person’s current age when listing individuals
* Print out current age

User Story Name: Include Individual Ages