

CS 555 Agile Methods for Software Development

Sprint 1 Backlog

Group #5

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In this, our group members will implement:

1. Create Java program which will take a file as input, scan through each line of this file.
2. Create a class to store each line of the GEDCOM data.
3. Check for some very obvious logical errors, for instance, for every individuals, birth time will not be later than death time.

The following are the user stories for each member of our group.

Qiang Tong qtong1@stevens.edu:

Read GEDCOM File		
Acceptance Test: T01	Priority: 1	Story Points: 1
As a user, I want this system can read in a GEDCOM file So that I don't have to type in all data on my own.		

GEDCOM File Analysis		
Acceptance Test: T02	Priority: 2	Story Points: 1
As a user, I want this system to analyze the GEDCOM file So that people can get some useful results from the analysis.		

Create a Data Structure to store GEDCOM data		
Acceptance Test: T03	Priority: 1	Story Points: 2
As a user, I want this system to store all the data from the GEDCOM in this program, So that the data can be used more easily later.		

Xinyu Zhang xzhang35@stevens.edu:

Check Surname Format		
Acceptance Test: T13	Priority: 2	Story Points: 1
As a user, I want this system to check if surname is enclosed by “/”s So that we can get the surnames correctly.		

Check MARR Date		
Acceptance Test: T14	Priority: 2	Story Points: 1
As a user, I want this system to check the marriage event date of every couple So that every marriage date is later than the husband’s and wife’s birthdays.		

Check Surnames in Each Family		
Acceptance Test: T17	Priority: 2	Story Points: 2
As a user, I want this system to check surnames of every member in each family So that we can make sure all the members except the women who are married have the same surname.		

Xiyu Zhu xzhu2@stevens.edu:

Check Family Existence		
Acceptance Test: T04	Priority: 2	Story Points: 1
As a user, I want this system to check the family number So that each person belongs to an existed family.		

Check Tags Existence		
Acceptance Test: T06	Priority: 2	Story Points: 2
As a user, I want this system to check if all the tags exist So that we can have accurate analysis.		

Check Parents of Each Family		
Acceptance Test: T07	Priority: 2	Story Points: 2
As a user, I want to check the number of husband and wife of each family So that there is only one husband and one wife in each family.		

Miao Li mli20@stevens.edu:

Check DATE format		
Acceptance Test: T23	Priority: 3	Story Points: 2
As a user, I want the day DATE tag represents exist So that there would not be date like “2010-2-31”		

Check HUSB WIFE tags		
Acceptance Test: T22	Priority: 2	Story Points: 3
As a user, I want this system to make sure whenever there is a family, there would be individuals of HUSB, WIFE which point to this family So that family records and individual records match.		