Homework 5:

1. Identify your pair programming partner = Vyom Shah (10446209)

2. Identify the user story you implemented alone = US08-Birth before Marriage

3. Describe your experience working alone on the user story: how long did it take to implement and test the story :

   - I worked on the user story number 8 and it took me a long time to implement that because at the first it took some time to understand that user story. Then after I build the logic for the implementation. It took me 5 hours to implement and test it. I experienced that it takes a long time to implement it alone, so its better to work in a pair or team.

4. Describe your experience working with a pair programming partner on the other user story: how long did it take to implement and test the story?

   - The user story we implemented in a pair is User story 07 – Less than 150 years old. When we started working on this , first we introduced our ideas behind this user story to each other. So it gave a clear understanding of the user story. It was easy to implement because it becomes easy when 2 people at the same time present their thinking skills and logic development strategies. Pair programming helps a lot and it saves time and also provides a better result. This user story took us 1.5 hour to implement and test it.

5. Describe the advantages and disadvantages for you and your teammate while pair programming. What worked well and what didn't work well?

   - Advantages: It was easy for us while we were working in pair programming because it was an effective way to share knowledge and we implemented the user story very fastly.
   - Disadvantages: When we had a get together at that time we started talking about the other stuffs rather than focusing on our main work. One might get distracted while working in a pair.
   - It worked well, but the problem was we were in front of so many ideas , and that made us confused in selecting which strategy to follow. First, when I was

implementing alone at that time I felt stressed , but while we worked in a pair, it was easy to overcome that problem.

6. Would you recommend pair programming? Why or why not?

I would recommend pair programming because it helps in many ways.

- Ideas get shared
- Increases level of knowledge
- Can learn new problem solving techniques
- Saves time

7. Will you use pair programming on future GEDCOM user stories? Why or why not?

No, I wont use pair programming on future GEDCOM user stories because pair programming is beneficial for solving big problems and for big projects. If we use pair programming for this kind of user stories , then I think that it would waste some more time in discussing other stuffs. If in case, both of the team members technical knowledge doesn't match then it is of no use.