IT 4983 Capstone Project Individual Reflection

*Please respond to all questions by each **individual** member. Please give a careful review of the past three months and see what kind of experience you have got from this project.*

Name: ___Chandler Bogolin___

Project: ___Group 9 Interactive Country Analytics____

1. **What was your major contribution to this project? Have you demonstrated your strength in this project? How? This includes BOTH technical and non-technical knowledge or skills.**

   My major contributions on this project were coding the simulation portion of the project, managing the website, and assisting with documentation. I believe I have demonstrated my strengths in web development with how the implementation of the simulation part of this project was completed. I also feel like I demonstrated my communication skills with this project in making sure I communicated as often as I could and providing my team with assistance when possible.

2. **What challenges have your encountered in this project? How did you deal with them? This includes BOTH technical and non-technical knowledge or skills.**

   One of the challenges I faced personally was getting the simulation results to match up with the results from the excel equation. It was a lot of trial and error with how things were ordered and rounded in the code, but I was finally able to get it to match the excel data with about a <1% difference. Another challenge I faced was just time management. I had to take 5 classes this semester, as I wanted to be able to graduate this semester. I struggled a bit at the beginning of the semester, but I was eventually able to manage my time well enough to get everything in order.

3. **What is your best experience from this project? What did you do well and what could you have done better?**

   The best experience for me was being able to practice something in enjoy (web development) as well as the great amount of collaboration we received from our sponsors. We could have probably been a bit more proactive with our research and questions towards the beginning of the semester, as it took us a bit to fully grasp what the sponsors were asking of us.

4. **What weaknesses of yourself have you discovered through this project? What's your plan to address them in the future? This includes BOTH technical and non-technical knowledge or skills.**

   The biggest weakness I probably discovered about myself throughout this project was to be better about speaking up and asking questions even if they seem obvious or stupid. No question is dumb, and especially with a project like this it helps to know as much as possible about what you're working on.

5. **What are the major skills you have learned and practiced in this project? What experience or skills have you gained? How do you evaluate your self-learning or self-training competency?**

I have been able to further my knowledge about javaScript and web development in general, including working with new APIs, especially Bootstrap. I have also gained better teamwork skills and communication skills. I would say that my self-learning competency is very high; if I don't know how to do something I will do my best to figure out how.

6. **How do you view this project as part of the degree program and your career?**

I thought this project aligned very well with both the degree program and my future career as well. I look to go into a career that focuses on development in general, so this was a near perfect fit for me.

7. **For a general senior IT capstone project (not just your own project), what are the important factors or skills required to accomplish a capstone project? Please rank them by importance.**

I feel like the two big factors with a capstone project are threefold: make sure you pick a project you would enjoy, teamwork/communication, and time-management. They are all pretty important, but I would probably rank them in the order listed above.

8. **Please offer some advice to students who are going to take this course. What is the most important thing they should pay attention to?**

Make sure you manage your schedule as best you can and communicate as much as possible with your group. Make sure you get a firm grasp of what the project is about, as well as allowing for unforeseen circumstances to occur.

9. **Please use 1 to 5 to rate your experience**

Score	Experience
5	The project is aligned with my interest.
5	I had good practice of my technical knowledge/skills.
5	I am satisfied with the self-learning and training in this project.
5	I am satisfied with team collaboration and communication.
5	I felt the importance of project planning, tracking, and monitoring.
5	The instructor has provided good guidance and feedback.
5	The project owner's expectation is fair and helpful.
5	Overall project experience

10. **Do you have any other comments or thoughts?**

<u>Please save your response as a PDF file and submit. Thank you!</u>