Jungle

Challenges and Lessons Learned

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Over the course of this project our team has struggled and learned together in many ways. From the first day to the last it has been a positive journey of growth. What follows here are some of the most memorable challenges we faced with some of the more notable lessons we have learned.

Challenges:

➢ Through the project our group has worked on the **Test Driven Development** principles, struggling to achieve them as we went.

➢ As we accomplished our iterations we began to struggle against the difficulties of **automated testing** with both the more complicated UI elements and many of the Server side packages.

➢ In the beginning our group began with a mentality focused on encouraging each person to work within their own strengths, however we found ourselves spread out and facing difficulties within one iteration, so as we moved forward we faced a difficult challenge of **balancing the individual needs and powers with the strength of working as a team** on one issue at a time.

➢ Through the beginning and middle of the project our group took time to learn how we should properly manage, handle, and merge with the **Github structures**. We faced challenges with mainly managing branch structure and naming.

➢ Throughout the project our team did well to begin and manage **communication** between individuals, but during the project we faced a few complications in how each of the packages and their associated interfaces or the logic behind them communicated.

➢ Over the life of the project our group faced some serious complications with the real life demands on each member. During our struggles we lost and regained a member. This challenge of **balancing work and life**

within the complications and demands of the project taught us a lot about communication.

Lessons Learned:

➢ During the life of the project our group learned that having multiple people with overlapping knowledge of the project code, and logic behind it, is critical to handling complications.

➢ We learned that applying the unified focus of the group to a few project issues at once would yield much better results than working individually could.

➢ We learned that combining the different perspectives and ideas of our group improves the product, as long as the main focus is maintained.

➢ Good, clear design is critical to developing clean, well-managed code, but too much design is a recipe for complication.

➢ We learned that using your tools correctly is a key to success. A good group using the right tools can do far more.

➢ We learned that many good patterns or logic in project development are straightforward and often intuitive, but a willingness to research and learn often help the group more than originally estimated.