Announcements › Module One Announcement

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Welcome everyone to Module One of CS-320 Software Test Automation and QA,

I'm excited to get started because Software Testing is near and dear to my heart. Currently, I have a complex software application that my team has been deploying to a cattle feedlot and testing has been an ongoing effort for us. Each time we think we have tested it sufficiently we find new defects and scenarios as we run our software at the feedlot. As I read through the first 2 chapters of the ISTQB Software Testing book everything resonated with me. So, I will be drawing on real life examples throughout this course. A little about our software application that we call Feedlot Manager:

1. Our software is a web application that runs in Azure with a .NET/SQL backend and a React Javascript front end. We also have iPad apps that communicate with our backend via our API's and interface with hardware.
2. We use Agile and Scrum to execute our work
3. We employ our QA engineers early and often in defining the user stories
4. We rely on our software developers to test early and often
5. Our software developers write unit tests in our backend code
6. Our QA engineers write automated API tests
7. We have done security testing in the form of static analysis and penetration testing
8. We are currently working through our application doing performance testing
9. At times we introduce regressions in our releases
10. We are completely a thorough review of our test cases and scenarios

For this week, here is the work to complete

1. Read Chapters 1 and 2 of Software Testing: An ISTQB-BCs Certified Tester Foundation Guide

2. Participate in the Class Discussion: Introductions and Experience

3. Complete the Assignment: Accessing Software

4. Complete your Journal: The Role of Testing in the Software Development Life Cycle

5. Review Projects One and Two

Please post questions to General Questions in the Discussions Forum.

For personal issues reach out to me via email, txt, or What's App (208-371-7427).

Rob