**Familiarity Review Template**

**Name:** Shane Artman

**Date:** Jan 20, 2019

**Week:** 02

**Coding Topic:** QCJSON / JSON

**Description of Understanding:**

I spent the week reading about QCJSON, what it is and how to leverage it. It is my understanding, and reinforced during my personal growth efforts this week, that JSON can be leveraged to pass data between applications using similar and dis-similar languages and environments without the overhead of wordy XML and compute/storage intensive SQL. I decided that I would incorporate with MVC so it took a bit of work to understand the multiple concepts. – Looking for more than basic here too….

**Teaching Video:** https://www.youtube.com/watch?v=bxenGWb-Bm0

**Starting at:** 0:00 – 12:00

**Also Integrated with:** MVC

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| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| JsonControl.java | https://github.com/artman-shane/LearningJSONandMVC/blob/master/src/controller/JsonControl.java | Stringify and parse | Mine |
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**Coding Topic:** Use Case Diagrams

**Description of Understanding:**

I think this is fairly straight forward. I would ask how detailed these should be and how we would convert them to the next step. I get a little hung up with the recommendation that there should not be specific steps, only abstract business needs vs too little information. – Seeking more than basic here as well…

**Teaching Video:** https://www.youtube.com/watch?v=FYHX0MtreVQ&feature=youtu.be

**Starting at:** 0:00

**Also Integrated with:** Use Case Documents, JSON, and MVC

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| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| Use Case Diagrams.vsdx | https://github.com/artman-shane/LearningJSONandMVC/blob/master/Use%20Case%20Diagram.vsdx | Examples of proper use case diagram dialog | Mine |
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**Coding Topic:** Use Case Documents

**Description of Understanding:**

I believe I understand the concept fairly well. I use something similar when I document requirements for our customers at work. I know that there should be no reference to what happens, specifically, from a coding viewpoint in the document. I reviewed several resources online and the one provided in our class. Additional reference would be helpful but I think this is just a practice thing…

**Teaching Video:**  na video yet

**Starting at:**

**Also Integrated with:**

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| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| **UseCaseDocument-PlayWithJSON.docx** | https://github.com/artman-shane/LearningJSONandMVC/blob/master/UseCaseDocument-PlayWithJSON.docx | Examples of good use case documents | Mine |
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**Coding Topic:** MVC

**Description of Understanding:** This whipped my butt!

I spent 20+ hours this week working on an understanding. I have interfaces with no less than 4 different engineers to try to get an explanation to me. I exhausted my classmates and several other resources. I think, with the link provided in the teaching video section, I understand MVC better. I hope this demonstrates more than a basic understanding but not sure if we need to re-submit for more than basic.

**Teaching Video:**  Needed more clarification so used <https://www.cs.cmu.edu/~pattis/15-1XX/15-200/lectures/modelinmvc/index.html>

https://www.youtube.com/watch?v=bxenGWb-Bm0

**Starting at:** 25:16 if you want to watch our team discuss it…

**Also Integrated with:** JSON

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| --- | --- | --- | --- |
| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| Student.java | https://github.com/artman-shane/LearningJSONandMVC/blob/master/src/model/Student.java | Demonstrate proper use of model | Mine |
| StudentDataView.java | https://github.com/artman-shane/LearningJSONandMVC/blob/master/src/view/StudentDataView.java | Demonstrate proper use of View | Mine |
| JavaControl.java | https://github.com/artman-shane/LearningJSONandMVC/blob/master/src/controller/JsonControl.java | Demonstrate proper use of controller | Mine |