**Familiarity Review Template**

**Name:** Isaac Ireland

**Date:** November 1st, 2018

**Week:** 7

**Coding Topic:** Use case diagrams

**Description of Understanding:** this is a diagramming of how a program is expected to run when it is made. These diagrams break down who is involved, and what processes they are involved in.

**Teaching Video:  https://www.youtube.com/watch?v=lG5PcZW9e98**

**Starting at:** 16:00

**Also Integrated with:** Use case documents

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| --- | --- | --- | --- |
| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| Example\_1.pdf | [https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/UseCase/](https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/UseCase/Example_1.pdf) | A Diagram showing chess | Mine |
| useCaseExplenation.pdf | [https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/UseCase/](https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/UseCase/Example_1.pdf) | Describes use case objects | Mine |

**Coding Topic:** Use case documents

**Description of Understanding:** Supporting Documents that show how various use case diagrams interact. Shows ideal, and less ideal paths.

**Teaching Video:** https://www.youtube.com/watch?v=lG5PcZW9e98

**Starting at:** 22:00 (I presented it with use case diagrams)

**Also Integrated with:** Use case documents

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| --- | --- | --- | --- |
| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| UseCaseDocument.docx | **https://github.com/ireland-isaac/isaac-ireland.github.io/blob/master/familiarity%20review/UseCase/** | This is the class being tested | Mine |

**Diagram**: UML Class Diagram

**Description of Understanding:** I was able to use a Class Diagram as a part of the design of my DVD Collection application. The diagram helped me to identify the necessary classes and interfaces.

**Teaching Video:** None

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| **File** | **What should I be looking for?** | **Example**  **Or Your code?** |
| /myrepository/uml/classdiagrams/dvdcollection.pdf | My first try at this diagram. | My code |