Code Ninjas - Deliverable #7

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The requirements of the program were most easily shown by screenshot videos using Jing. Most videos did not require audio, as they were self-explanatory through the actions performed.

The Java code generation does include audio explanations throughout the process. Each requirement is listed in its specified order to assist in the understanding of what requirement the video is fulfilling.

1. **Creation of UML class diagram features with the ability to edit class name, add/remove/validate/edit attributes, add/remove/validate/edit operations.**

<http://screencast.com/t/pOoysm8MC>

Blank fields will remove a method or attribute when entered, and deleting a figure is as simple as selecting and pressing backspace, delete, or cutting it.

1. **Add/remove/edit relationships between figures that include inheritance, association, and dependency relationships.**

<http://screencast.com/t/QV5Ymy95xKf>

**Test the ability to switch between unidirectional and bidirectional, add/remove/edit multiplicities, association names, and role names.**

<http://screencast.com/t/eHcIWVcqK4>

1. **The ability to save diagrams to a file and restore diagrams from the file.**

<http://screencast.com/t/byF2BGYKC>

A new file is created, then the classes are added, and it saved and closed. A new file is created from the recently saved file, showing the save and open features working correctly.

1. **The ability to generate Java source code from diagrams.**

<http://screencast.com/t/K83Ws5ZIIx8>

1. **The ability to generate default class diagram for one or more design patterns.**