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Introduction

Purpose: In this course, you will learn how to use several tools to both design and implement information systems. In addition, you will also use several interactive online applications to enrich your learning activities. The aim of this practical is to provide you with a basic introduction into how these tools work so you can confidently complete all the tutorial, practical and assessment tasks.

Learning Outcomes:

- Be able to use https://www.drawio.com/ to create an ER diagram
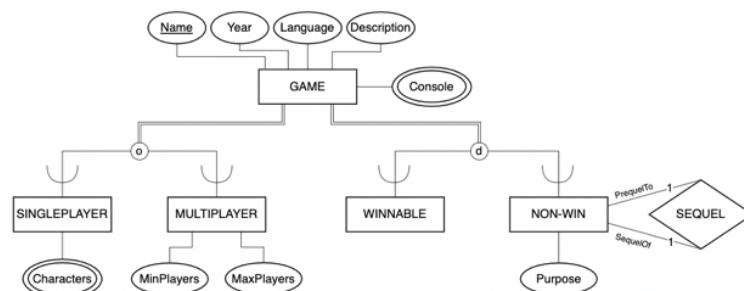- Be able to successfully upload a practice assessment to Gradescope

Task

1. Diagrams.net

Diagrams.net (formerly draw.io) is an online design tool which can be used to create ER diagrams. Please read this document to learn how you can use draw.io

Below is a simplified UoD for a fictional gaming company called *Always a Gamer*. Using diagrams.net, create a copy of the ER diagram for *Always a Gamer*.

ER Diagram:

2. Using an ER Diagram

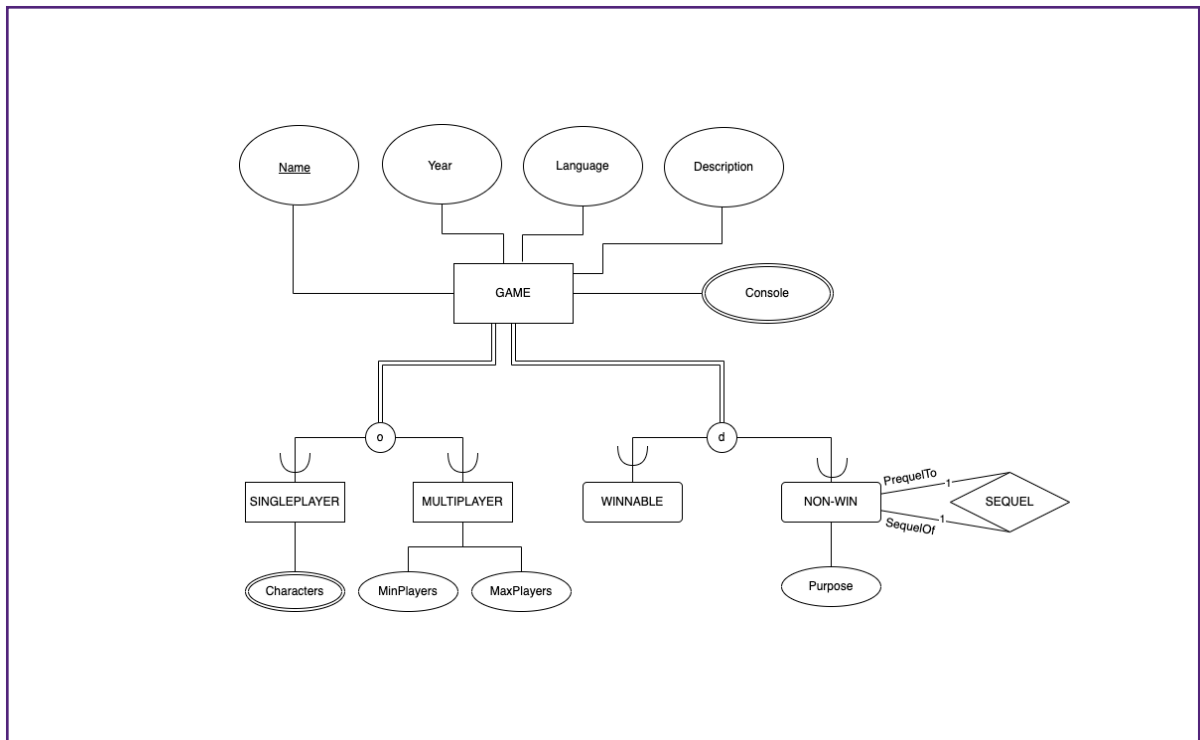Based on the ER diagram you created in Task 1, complete the following two activities.

2.1. Identifying Entities

In the box below, list the names of any entities and subclasses in the ER diagram.

Entities: GAME, SINGLEPLAYER, MULTIPLAYER, WINNABLE, NON-WIN.
Subclasses: SINGLEPLAYER, MULTIPLAYER, WINNABLE, NON-WIN

Export your diagram from diagrams.net and insert the image into this box. For instructions on how to export diagrams from diagrams.net, please consult the diagrams.net document referenced in Task 1.

3. Submission Using Gradescope

Now that you have completed the tasks for this practical, you can submit your work on Gradescope. To do this, you can use the Gradescope link on the left panel of the Blackboard site for the course.

Note: This task is **not assessable** and is purely designed to provide you with experience using Gradescope. For help regarding how to submit assignments using Gradescope, please view this link.

Conclusion

Congratulations! You should now be able to:

- Create ER diagrams using draw.io
- Submit assessment tasks using Gradescope

The INFS1200/7900 teaching team will check your submission over the weekend to confirm your account has been correctly setup in preparation for the first assignment.