DAM. UNIT 3. ACCESS USING OBJECT-RELATIONAL MAPPING (ORM). HIBERNATE PART 2. NON ASSESSABLE EXERCISES

DAM. Acceso a Datos (ADA) (a distancia en inglés)

Unit 3. ACCESS USING OBJECT–RELATIONAL MAPPING (ORM)

Part 2. Access using Hibernate annotations. Non assessable exercises

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Based and modified from Sergio Badal (www.sergiobadal.com)
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Aspects to bear in mind
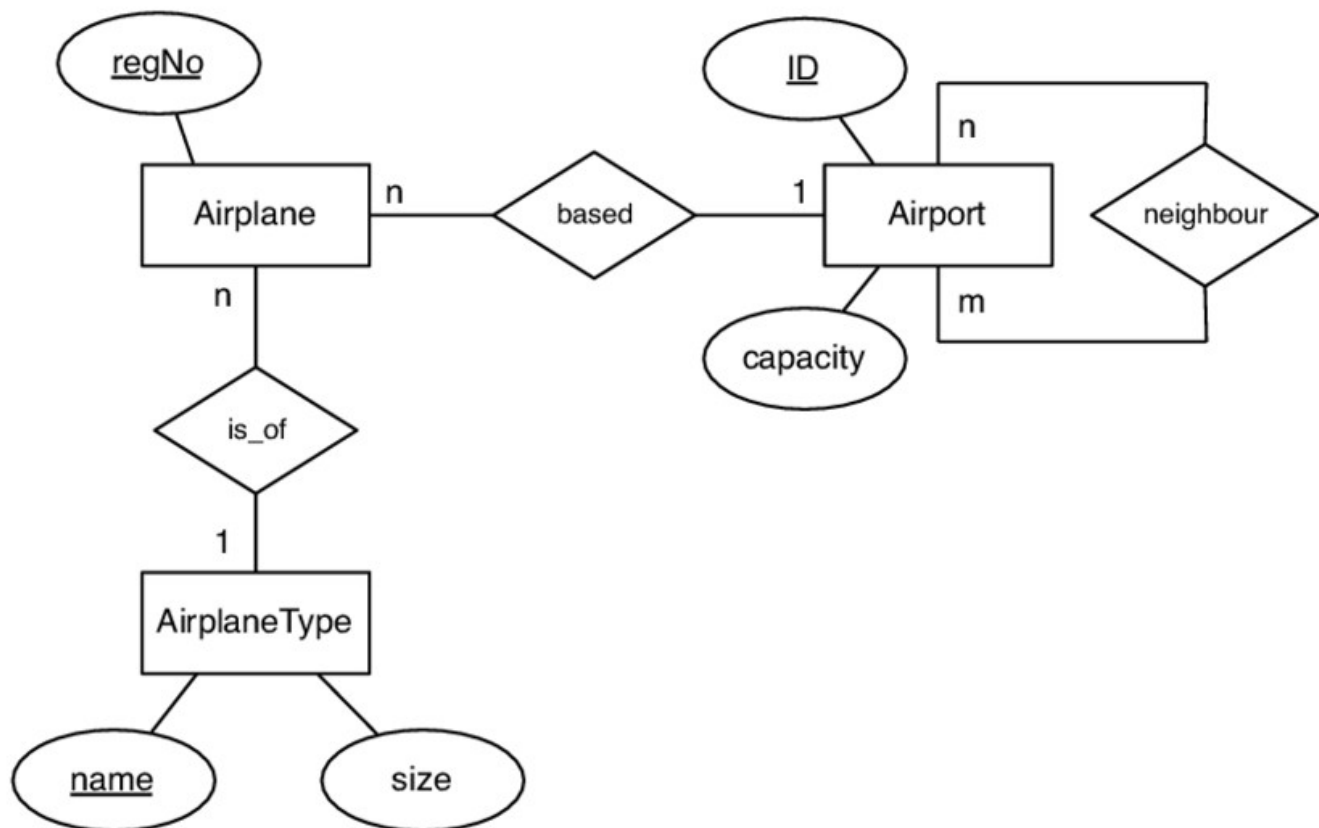
Tips for programming

We advice to follow the next coding standards:

- One instruction per line.

- Add comments to make your code clearer and more readable.

- Use the Hungarian notation to recognise the type of variables at first sight.

- Remember that there are several ways to implement a solution, so choose the one you like best. **We strongly recommend using buffer-based solutions**.

1. Console mode. Managing a MySQL relational database with Hibernate annotations

Activity (non assessable)

Create a Java project to manage this E-R diagram in **MySQL** using **Maven** and **Hibernate ANNOTATIONS**.
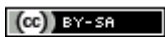

ATTENTION: Use the proper exceptions when accessing to databases via Hibernate.

You MUST work with **Java**, **Maven** and **Hibernate**, using the new style as explained this week (mapping classes and using **annotations**). **You can reuse code from the previous task with Hibernate classic**.

Once you have the framework ready, run these operations:

- **"Insert 3 aeroplane types, 3 airports and 3 aeroplanes, using all relationships"**

- **"Set a neighbourhood between the two first airports"**

- **"List all aeroplanes with its relationships"**

- **"List all airports with its relationships"**

- **"Remove all airports"**

- **"Remove all aeroplanes"**

- **"Remove all aeroplane types"**