Tools You Need For Database Design

Relational Database Design

Session Outline

- What tools you need to be able to design a relational database
- Where to get them
- Step-by-step instructions on how to download them and set them up

Database Design Tool

- We're going to use a tool called **MySQL Workbench**

- Why are we using this tool?
  - It's free to download
  - It's available on multiple operating systems (Windows and Mac)

- It's called MySQL but we don't need to use the MySQL part of it

- Successor to DBDesigner

- Videos show how to download and install it

- You can use whatever tool you like

PDF Files

- My favourite is Foxit PDF Reader
  - Small, fast and free
- Adobe Reader comes on many computers
- Web browsers can also have built-in PDF readers
- Only need it to view files in this course, not to create databases

Alternative Tools

- Many other tools available for database design:

- Microsoft Visio

- ERWin

- Enterprise Architect

Microsoft Visio

- Easy to use tool
- Can develop simple database models
- Included in Office

ERWin

- "Entity Relationship Windows"
- Enterprise software
- Lots of features

Enterprise Architect

- Enterprise software
- Also has lots of features
- Can prepare other diagrams

Summary

- Only one tool is necessary for this course – MySQL Workbench

What's Next?

- How to download and set up MySQL Workbench