

# OCC Spec Development environment

# Overview of what we will use

- You will do the support work around and then develop
- A system using at least 2 programming languages to solve the set brief.
- Then collect feedback on your system, review how it meets the set out requirements and set out priorities for future development.

# IDE - PHPStorm

- <https://www.jetbrains.com/phpstorm/>
- Made by jetbrains – Very commonly used in industry
- This is a "paid for" software which you can use when you are a student.

# Database mysql with phpmyadm

- See next slide for software specifically
- Relatively industry standard software for providing database
- The most stable, generic (in a good way) version of Standard Query Language (SQL)
- PHPmyadmin, is a php based gui that lays over the interface of mysql

# Webserver - Xampp

- <https://www.apachefriends.org/>
- This will provide us a way to "host" our sites locally
- This hosts / runs the database, php interpreter, phpmyadmin (for the database) and serve the file the client we need.

# Design tool – Figma (might switch PenPot)

- <https://www.figma.com/>
- This is what we will use for our interface designs
- Used by a lot / most designers in industry

# Generative AI

- Your choice, check you can access it
- During NORMAL lessons I wont tolerate you using  
you cant do it the hard way, then you don't deserve  
access the easy way.

# LibreOffice

- <https://www.libreoffice.org/>
- Completely free and open source
- Actually works in exam conditions
- Fully compatible with MS Office formats.



# Github

- <https://github.com/>
- This will be our main repository of files for this year
- Can be accessed in the exam
- Gives you a cool graph of commits
- Pretty standard across the world for version control