**Unit 33 Application Development Using Project Management Methods**

**Understand development tools and environments**

33.1.1 I can investigate a range of development environments

In general, there are four types of software development environments:

* Development Environment: This is where application/system development tasks, such as designing, programming, debugging, etc., take place.
* Test Environment: As the name implies, this is where application testing is conducted to find and fix errors.
* Staging Environment: Here, all the work done in the development environment is merged into the built system (often used to automate the process of software compilation) before it is moved into the production environment.
* Production Environment: The last environment in software development, this is where new builds/updates are moved into production for end users.

These are examples of **project management methodologies.**

* **Waterfall**
* **Agile**
  + **Scrum**
  + **Extreme Programming**