

ACCA5026 – Database Application Development Module delivery Planner

Week No	Topic	Practical Activity
Week 1	Introduction to Databases and its components, ER Diagrams	Assessment brief, ERD tutorial, ERD to relational tables, installing Uniform Server (MAMP for Mac)
Week 2	Structured Query Language (SQL)	DDL and DML in MySQL, Smart Home System database activity, ER diagram exercises
Week 3	Creating Database Tables	Normalisation and indexing, SQL activities, ERD recap
Week 4	SQL Statements - MySQL specific	Joins, triggers and stored procedures, joining exercise, PEGA low-code workshop
Week 5	Uniform Server, XAMPP, MySQL and 3NF	ALTER, UPDATE, triggers and transactions, week 5 exercise
Week 6	MySQL database connectivity with PHP	Connecting PHP to MySQL, customer and car pages, sample website
Week 7	Creating Staff roles, database and web pages	Demo, Cooking Corner and Book Review website activities
Week 8	Customer login and features	Authenticating customers, showing their own transactions, library activity
Week 9	Troubleshooting and tutorial	GET/POST methods, arrays, lab activity, assessment support
Week 10	Revision and assessment support	

Assessment: Database Design & Implementation (100%) – submission deadline Friday 04 December 2026, 2 PM.