# IICT6203 - Database Programming II

## Worksheet 04 - Procedures

Consider the attached flowchart to get a better idea of the process.

* 1. The username, payment amount and order id are provided whenever a payment needs to be done.
  2. If the order does not exist then the payment is audited as invalid and message ‘Order not found’ is saved.
  3. If the user account is not active then the payment is audited as invalid and message ‘Inactive account’ is saved.
  4. If the order is paid in full then the payment is audited as invalid and message ‘Order paid in full’ is saved.
  5. If the payment amount exceeds 500 or is 0 or negative then it is audited as invalid and message ‘Invalid amount’ is saved.
  6. If the payment exceeds the order balance then it is audited as invalid and message ‘Amount exceeds balance’ is saved.
  7. The valid payment is inserted into the payments table.
  8. The valid payment is audited.
  9. If the order has been paid in full then the order status is updated.

1. Implement your design as you deem fit.