Design Architecture

For coding the whole system, the group plans to use PHP to gather input data, store the data to the database, send it to the server, and display information and outputs to the machines allocated in each department or units. For the storage, a database will be produced using MySQL since currently, CVJ Catering does not have any kind of electronic storage for their data.

PHP, MYSQL will be used because these has been used by the researching group in their past academic terms in which they are comfortable on using. Cloud server will be used as a communication device to give access to all the employees (Operations and sales department, Finance and Accounting department, Security and Staff department, and Commissary department)

Information to be gathered includes the information needed from the banquet event order form, inventory resource list, and barcode data from inventory resources. With this data, reports such as monthly, quarterly and annual sales report, profit and loss report per event, and expected vs actual costs per event.

