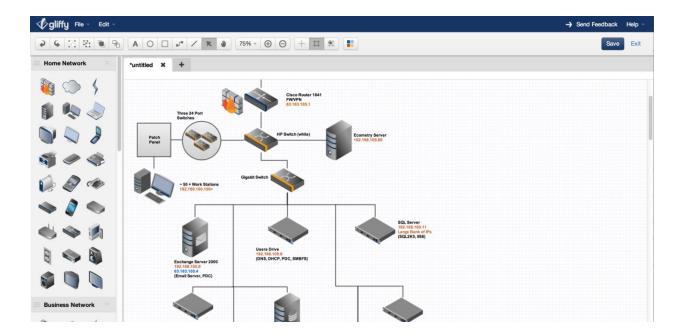


## P07 – Logical Architecture Modelling

#### LOGICAL ARCHITECTURE MODELLING

In order to develop a logical architecture diagram, gliffy can be used. It's used as an extension to the chrome browser. Using this tool domain classes can be easily applied. The graphical user interface provides options to represent different relationships between the layers.

Gliffy allows to generate JPG or PNG format pictures after completing the design. This is helpful as it enables these documents to be used effectively.



Necessary shapes can be dragged and dropped on to the sheet. So that all the relevant activities can be represented. In addition gliffy allows access to Google drive. Therefore multiple users of the group can have access to the documentation and make adjustments easily.

# Logical Architecture Modelling

There are two main domains identified. Namely,

- Booking
- Sales Management

#### **Booking domain**

Domain classes were developed and work flow was identified. Business layer should include how the collected data would be processed. Therefore a separate package was included so that the relevant parts can be identified.

Business processing is vital and will be carried under this section.

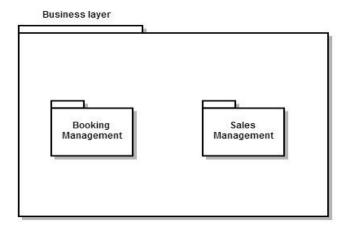
#### **Sales Management Domain**

Under this section, reports need to be generated to show the revenue details and seasonal variations. In order to support this facility, a database needs to be linked to the activities.

Business processing under this is necessary as report generation will be entirely handled under this section.

In addition this will allow to identify the relevant hardware architecture required to achieve the required objective of the system.

### **Logical Architecture Diagram**



**Layer View Diagram** 

