

Lab 6 - GANTT Model

Exercise 1

The ABC Company on Electronic devices area has 500 employees. There are 3 branches as follows:

- Ho Chi Minh City: 200 employees and Head office
- Head office has 5 floors as follows:
 - Floor 1: Server room: Web, Mail, VoIP
 - Floor 2: 45 computers for Accounting, Human resource, and IT departments.
 - Floor 3: 35 computers for business departments
 - Floor 4: 85 computers for sale, Marketing departments
 - Floor 5: 25 computers for designer department and CEO
 - Ground floor: 10 computers for guests

There is a sever for all floor

- Da Nẵng branch: 130 employees
- Hà Nội branch: 170 employees

All of employees at the branches uses:

- Company web for marketing, employee recruit
- Email – provide for employees
- Chat app for employees
- Accounting application provides to accounting department

Head office connect to all of branches by Internet line (FTTH) for accessing Web, Email, Chat and applications

Requirement: Implementation GANTT Model by Excel

Exercise 2

The XYZ university has 300 peoples including many departments such as Electronic, Computer Science, Data Science, Business, Accounting departments, etc...

There are a lot of servers in this university as follows:

- Two web servers are used to university web site (load balancing). Web site is built by Java with Oracle database and run-on APACHE. This web uses to marketing, teacher, and employee recruit
- Two mail server providing email for all peoples in this university (load balancing). Mail server uses Microsoft Exchange. All people have one local email
- One Server for VOIP (telephone) for departments
- Two oracle database servers using to university web site (load balancing)
- One web server for student application such as registration, tuition payment, view scores and view the results of learning. Student application built as MVC model with C# and connect to SQL database server. This application runs on IIS.

Requirement: Implementation GANTT Model by Excel