LAB 4 – Sequence & State and Activiti Models

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: 65 computers for Sale, Marketing departments
  - Floor 5: 15 computers for Designer department and CEO
  - Ground floor: 10 computers for guests

All of employees can use:

- Company web site for marketing, employee recruitment

- Email and Chat application

Functionalities of departments as follows:

- Accounting department: using accounting application (Windows form), each employee will have an account to login. Manager will assign viewing all reports.

- Human resource department: using HRM (Windows form application each employee will have an account to login. Manager will assign viewing all reports.

- IT department: maintaining all applications, web site, manage server room

- Marketing & Sale departments will be posted information such as advertisement, recruitment on web site. All employees belonging to these departments will assign an account to login. When Marketing department wants to post news, the process as follows:

  - Login
  - Search the news which want to post to review them.
  - If the news doesn't have in web site, select "New Post"
  - Input information
  - Assign title name.
  - Insert pictures.
  - Review and select "POST"

- The Business & Design departments will be posted information related to design, benefit of company. All employees belong to these departments will assign an account to login.

Requirements: Implementation

- Sequence model when user login to web site and post news, delete news on the web site
- State model when user login to web site and post news, deletes news on the web site .
- Activiti model when Marketing post news on web site.