**Objectives:**

At the end of this session, student should able to

1. Identify and assessing feasibility issues in software development project.
2. Analyzing and classifying the potential risk in software development project.
3. Construct Baseline Project Plan based on given case study.
4. Preparing Statement of the work (or Project Scope Statement) based on given case study.

**Instructions:**

1. This work should be done individually. But you are allowed to discuss with your colleague.
2. Mark will be given to the exercises that submit at the end of the lab session.
3. All your assumption and work (including your calculation) must be clearly stated in this lab sheet.
4. You are required to develop your report using Microsoft Words and Microsoft Project (if necessary).
5. U Upload your answer at Moodle after the lab session together with hardcopy a day after lab session (Friday) to your lecturer.

**Questions:**

1. Let’s assume you are a system analyst for your software development company.
2. Select one from the given possible software development project. By understanding and analyzing your project, you are require to
   1. identify system description
   2. identify related feasibility issues
   3. identify related risk or management issues
   4. develop a Baseline Project Plan on behalf of your company.
3. Construct a Project Scope Statement on behalf of your client/customer.

**LABSHEET 4**

**ANSWER**

* I choose Supermarket System of software development project for this case.

**PROJECT GUIDELINE SUPERMARKET SYSTEM**

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| 1. **Introduction** 2. **Project overview** **:**   This project consist of supervisor and the customer .In this project, who’s can handle a staff supermarket and also the products. Besides that, in this project needs to know customer places the order and then supervisor check whether that product is available. After that, supervisor will issues the bill and then customer will pay the bill and deliver the products. Usually, supervisor can have a problem when they want to scan barcode Effect this project, customer  **B. Recommendation** **:**   * Contract bonded between customer and supervisor when to ordering the products. * Cost of resources such as electricity, premises, air-conditioner, salary and others |
| 1. **System Description**   **System Description :**   * Using online ordering the products for customer.   -Customer can use this system to order the products and they can choose when they want the products.   * Barcode scanner on the box for supervisor.   -This scanner can automatically detect the ordering date and all information about the products. It is also can automatically to count the quantity of products. So, supervisor can easily to check whether the product is available. |
| 1. **Feasibility Assessment** 2. **Economic Analysis** **:**  * Using this system, cost-benefit of this system will be saved the money because solve this problem we just need to use internet.     **B. Technical Analysis:**   * In this system we need the resources of the programmer database to develop this project. * Not waste the time rather than use a manually. * Can reduce the staff   **C. Operational Analysis** :   * Nowadays, this system familiar with the user and easy to understand . * Besides that, no waste the time than use manually system     **D. Legal and Contractual Analysis**:   * All this system using a copyright software because it is to promote the new works and giving user certain right. |
| 1. **Management Issues**   **Other Project Specific Topics** :   * Use advertisement to sale the product. * Use a manually ways such as pay at the cashier. * Save all the details information about product and customer or back up the data. |