**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.

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| 1.0 Introduction  A. **Project overview** – In multinational companies will not be allowed to enter the company without permission. They need to build a security processing system to make sure their company safe under control. For each visitor a pass will be given after getting all the details about the visitor. The visitor has to mention the in-time, the person to be met, purpose of the visit, in the register maintained by the security. The security will issue the pass which contains all the details about the visitor and his/her vehicle (if any) while leaving the visitor should return the pass. |
| 2.0 System Description  Alternatives – Provides a brief presentation of alternative system configurations  System Description – Provides a description of the selected configuration and a narrative of input information, task performed and resultant information |
| 3.0 Feasibility Assessment  A. Economic Analysis – Provides an economic justification for the system using cost-benefits analysis  B. Technical Analysis- provides a discussion of relevant technical risk factors and an overall risk rating of the project.  C. Operational Analysis - Provides an analysis of how the proposed system solves business current days.  D. Legal and Contractual Analysis – Provides a description of any legal or contractual risks related to the project.(Copyright or nondisclosure issues)  E. Schedules, Time Line |
| 4.0 Management Issues  Other Project Specific Topics – Provides a description of any other relevant issues related to the project uncovered during planning |
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