SYSTEM DEVELOPMENT REPORT

**Project Name Here**

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**Industrial and Systems Engineering, Dongguk University-Seoul**

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**Information System Integration and Practice**

**Summary**

Summarize your project here.

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# **Project Description**

# **Purpose of the Project**

Introduce your project here. You can address purpose the project

# **Scope of the Work**

Address current business (or system) situation here.

# **System Requirement**

|  |  |
| --- | --- |
| Project Sponsor |  |
| Business Need |  |
| Business Requirements |  |
| Business Value |  |
| Special Issues or Constraints |  |

# **Feasibility Analysis**

# **Technical Feasibility**

Contents here.

# **Economic Feasibility**

Contents here.

Check the discounted cash flow example in the assignment (use the actual interest rate).

Table 1. An example of a table.

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| --- | --- | --- | --- | --- | --- | --- |
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|  |  |  |  |  |  |  |

Graphical user interface, text, application

Description automatically generated

Figure 1: An example of a figure.

# **Organizational Feasibility**

Contents here.

# **Project Planning**

# **Estimation of Project Time Frame**

Use function point analysis (Jeffery et al., 1993) addressed in class assignment.

# **Project Plan**

Use a Gantt chart (Kumar, 2005) addressed in class assignment.

# **Analysis of Requirements**

# **Use Cases**

# **Functional Requirements**

# **Data Requirements**

# **Performance Requirements**

# **Maintainability and Supportability Requirements**

# **Design**

# **Architecture Design**

# **Interface Design**

# **Object Design**

# **Implementation**

# **Environment**

# **Performance Evaluation**

# **Conclusion**

# **References**

Jeffery, D. R., Low, G. C., & Barnes, M. (1993). A comparison of function point counting techniques. *IEEE Transactions on Software Engineering*, *19*(5), 529-532.

Kumar, P. P. (2005). Effective use of Gantt chart for managing large scale projects. *Cost engineering*, *47*(7), 14.