

# Task scheduling system

[Technology](#)



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The software/system development is a very lengthy task, which comprises various interrelated stages. The feasibility study is the most important stage of a system development. This paper has presented the feasibility study for the development of tasks scheduling system. This paper has presented an overview of the different tasks and operations required for new tasks scheduling system implementation at data center of Fiserv. 8

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1. Abstract

This paper presents an overview of new “ Task Scheduling System” development for the Fiserv data centre. The main intention of this project implementation is offer a better and enhanced task scheduling system that <https://assignbuster.com/task-scheduling-system/>

manages and handles the network data centers operations and tasks.

## 2. PURPOSE

The purpose of this system development is offer a better system that automatically manages and schedules the operations inside data centre. This system will also offer the scheduled alerts in case of network data centre tasks. It will also facilitate to add and edit new tasks.

3. PRELIMINARY FINDINGS AND ANALYSIS This section is about the detailed analysis of the preliminary findings and analysis of already working system to access the system requirements. 3. 1. Project Description

The data center holds a complex set of jobs and activities to effectively manage and handle the overall operations of the business or institutional network. In this scenario data centre is a place that requires frequent updates, uploading, installations, deletions, editing, and other network management operations. In addition, the recoding of these operations and tasks is a really tough job. To effectively cope and organize network data centre's jobs and operations there is a vital need for establishment of an effective operational and tasks management system that records and offers alerts at specified time. In this way the network data center workers and managers could effectively identify and manage data center jobs and other operations.

### 3. 2. Scope of this Project

This data center tasks scheduling system will offer following facilities:

Effective recording of all tasks

Better scheduling and recording of all operations

Frequent response to all tasks

Less delay in important installation

<https://assignbuster.com/task-scheduling-system/>

Better management of security of network through frequent updates

Listing all operations

### 3. 3. Project Environment

This project will be operational on the all data center's workstations. In addition, this system will offer alerts to all workers and data center's manager in case of delay in organizational tasks.

### 4. Project Participants

Following are the project participants:

#### 1. Management – Direct/Indirect Users or Managers of the System

Mr. ABC

Department Manager 2. Non-Management (technical)- Direct Users of the System

#### Network Data Centre Employees 3. Technical Management

Network data Manager

System and Network Administrator

### 5. Problems/Constraints and Opportunities

#### 5. 1. Problems/Constraints:

During this project development some problems can arise, which are given below:

Cost: Management's less concentration and budgetary problems

Time: project takes too much time and delay in development

Technological: In case of new technology system development there can be problems such as selection for system development tool and platform implementation related problems.

#### 5. 2. Opportunities:

The successful development of this project will offer following opportunities:

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Better listing of all tasks

Better view of all schedules

On time management of all tasks

Effective management of all operations

Quick troubleshooting

## 6. System Requirements

This section will outline requirements for this system. There are different types of requirements:

### 6. 1. Software Requirements

Below are few software tools that are required for the development of this system:

C# for system development

SQL server 2008 for database

CASE tool for system designing

Microsoft office for system dissemination

### 6. 2. Hardware Requirements

Below are some hardware equipments that are required for the development of this system:

P4 Computers

256 or above RAM

10 GB Hard Drive Space

Workstations and Servers for testing and sharing of application

## 7. Project Schedule Overview

Following project approach or schedule is proposed:

Task ID

Task

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Duration (Days)

1

System Analysis

10

2

System Design

10

3

System Development (Coding)

30

4

System Testing

15

5

Quality Assurance

5

6

System Deployment

2

7

Feedback

2

8. Project Budget

The complete budget is given in the table:

Sr. No

Project Task and Resources

<https://assignbuster.com/task-scheduling-system/>

Cost (\$)

1

System Developer

500

2

System Testers

100

3

System Development software applications

100

4

System Development Hardware

500

5

Additional Cost (food, travel, electricity, place)

300

Total

1500

9. CONCLUSION