**ENS Replacement**

**Project**

ICU Operations Team Members:

Sycamore Road Ritika Panthula(z1948682)

Dekalb, IL 60115 Peri Keerthana(z1947534)

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## PROJECT CHARTER

## Project Description

## This charter formally authorizes the ENS replacement project to implement a new emergency notification system for use in ICU group. The ENS replacement project's goal is to deploy a more straightforward and quick cloud solution for ICU operations.

## Project Purpose

### The ENS replacement project's purpose is to deploy a more straightforward and quick cloud solution for ICU operations. The project deliverables must contain the following: a cloud solution, the capacity to link to the fire panel system via cap 2.0, a sign-up portal, training materials, testing, the deployment of an integrated system for use with current IT infrastructure, and a user manual.

## Business Case

### The ICU operations chose the alert me vendor which has offerings of professional services which has he capabilities of cloud solutions, sign up portal, and there is no other integrations involved. This vendor has all the requirements that the business is needed as a result the project can show accomplishments

## Business Requirements

The main moto of ICU operations is to have a cloud-based solutions for emergency notifications without any difficulties to access. The system also ties to notification paths including web, desktop alerting, fire panel announcement as well as social media notifications and digital signs.

## Assumptions

* Install a cloud-based solution quickly and easily for ICU operations.
* ensuring that the migration of existing accounts from the legacy system to the new system
* Getting project sponsors for these operations.
* Hiring enough workforce to get the operations going.
* Satisfies the goals with no errors.

## Constraints

* The accessibility to the university students.
* Security threat
* Crashing of website

## Risks

The big risk we may experience in this situation is the student' accessibility. The use of ENS becomes unnecessary if the operations are complicated. Cybercrime is on the rise today in line with technological advancement. The security has nowhere to go. When a website is used all at once, there is a chance of a system crash.

## Project Deliverables

In this business the main deliverables is to provide access to every student in the university, make proper schedules of the budgets, having a security systems, design in a way that the system does not crash and most importantly make it user friendly. Use the cloud solutions for the project to be delivered in an efficient way.

## Project Milestones

|  |  |  |
| --- | --- | --- |
| Milestone Date | Milestone Name | Milestone Description |
| [Jan 22]  [Apr 30] | Procurement of software  Website development | Arranging which software to use  Developed cloud solutions website |
| [Jan 31] | Launching website | Going live |
| [July 5] | Updating records | Updating records of users after going live |

## Project Roles and Responsibilities

|  |  |  |
| --- | --- | --- |
| Name | Role | Responsibilities |
| Ritika Panthula | Project manager | Setting deadlines, managing departments, and assigning tasks. |
| Keerthana Peri | IT manager | Effectively managing the technology |

## Project Life Cycle Methodology and Tools

* SharePoint for document management and versioning.
* Panorama tool used to manage employee data.
* Tools used: website applications

## Authorization

Approved by the Project Sponsor:

B. Reethika

Venture capitalist

**PROJECT SCOPE**

|  |  |
| --- | --- |
| **Project name** | **Date submitted** |
| ENS Replacement Project | 1/28/2023 |
| **Project purpose** | |
| The goal of the ENS replacement project is to implement a simpler and faster cloud solution for ICU operations. A cloud solution, the ability to connect to the fire panel system via cap 2.0, a sign-up portal, training materials, testing, the deployment of an integrated system for use with present IT infrastructure, and a user manual are all required as project deliverables.. | |

**Goals And objective**

|  |  |
| --- | --- |
| 1 | Reduce the complexity of the system |
| 2 | Increase the efficiency of the system |

# Scope Summary

This project involves replacing an existing ENS system with a better solution.

# Boundary conditions

|  |  |
| --- | --- |
| location | It is available statewide |
| timeline | The timeline expected is 5 months |
| department | IT department and the police department. |
| Permissions | Before being published, the project will be assessed and requires the project manager's  authorization. |
| expertise | IT and CS-related expertise |

**Project deliverables**

|  |  |
| --- | --- |
| **Deliverable no.** | **Description** |
| 1 | It connects to the fire panel system Via CAP 2.0 |
| 2 | It is completely tested before implementation. |
| 3 | A Signup portal is available. |
| 4 | Training Instructions are available to the users. |

# Out of Scope

1. The solution does not connect to the digital sign solution.
2. It does provide the optout solution.
3. The system does not consider the desktop alert application.

This project **will NOT accomplish or include** the following:

**STATEHOLDER ANALYSIS**

**Table

Description automatically generated**

**RISK REGISTER**

**Graphical user interface, application

Description automatically generated**

**WBS**

**Chart, waterfall chart

Description automatically generated**

**WBS Dictionary**

**Application

Description automatically generated with medium confidence**

**PERT ANALYSIS**

**Estimated duration = (O + 4M +P )/6**

O=Optimistic time estimate

M= most likely time estimate

P= pessimistic time estimate

We used this formula to estimate the most likely duration of each individual task and obtained the following values

INITIATION: 4 days

PLANNING: 36 days

EXECUTION: 112 days

MONITORING AND CONTROLLING: 8 days

CLOSING: 5 Days

**CHANGE CONTROL PROCESS**

* The project manager will get a change request form that has been filled out by the person requesting the modification.
* Any change in the log register – The project manager will be responsible to investigate this
* An analysis is conducted by the project manager for the impact on the changes to scope, budget, or time constraints. He or she will then ask team members and the change requestor for clarity.
* The project manager's request for review and approval will be sent to the change control board(CCB).