



# OSL Film Badge And Radian Generator Information System

Author : Ms. Paramaporn Tongsakul

Advisor : Asst. Prof. Dr. Wijak Srisujalertwaja

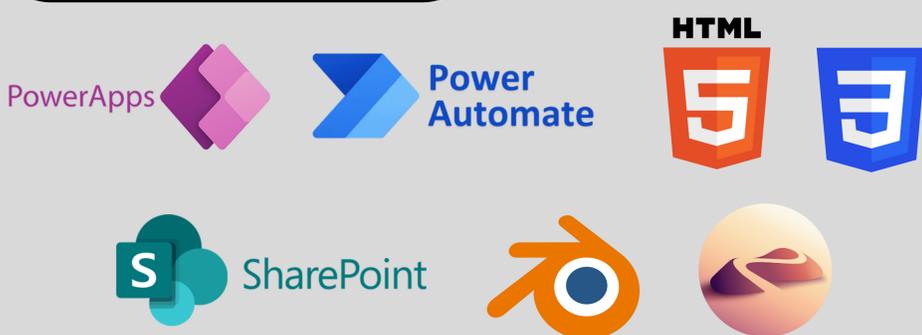
## Abstract

The OSL Film Badge and Radiation Generator Information System, developed using Power Platform tools like Power Apps, Power Automate, and SharePoint, focuses on notifying users when equipment is nearing expiration. By automating processes, the system enhances accuracy, reduces errors, and minimizes manual tasks. SharePoint serves as a structured database, seamlessly integrating with Power Apps for an intuitive user interface. This allows personnel to quickly access essential information, including equipment status and expiration dates, ensuring efficiency and convenience.

## Introduction

The OSL Film Badge And Radian Generator Information System previously recorded radiation dosimeter user data in Excel, which could lead to data loss during Organize Change or errors such as forgetting to submit dosimeter sheets for radiation calculation or renewal. Therefore, the C20 department aims to develop a new system that systematically stores data, allows easy retrieval of past records, includes an alert system for upcoming expiration dates, and automates processes to reduce the workload of responsible personnel.

## Technology



## Conclusion

The OSL Film Badge and Radiation Generator Information System supports various functions, including registration, deactivation, reactivation, data modification, and email notifications to the Main PIC and PIC of each plant. The system is implemented within the company, integrating with a SharePoint list under the EHS Controls department.

## Methodology



1. Get Requirement



2. Design UI, Automated Process and SharePoint Lists



3. Create Power Apps, Automated Process and Connect with SharePoint Lists



4. Testing

## Results

