

Enhancement Process Alert System (EAS)

1. Introduction

This document describes high level architecture of Enhanced process alert system. The requirement is to capture each task from the given task board and notify the actors with respective message alerts.

Talking about a project, enhancement is an additional feature for system.

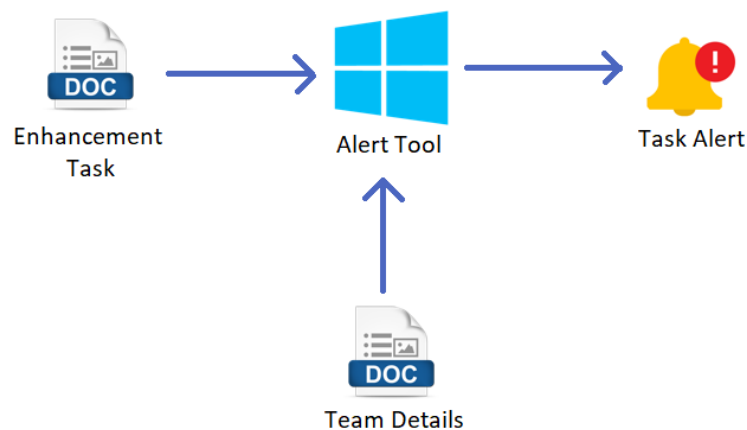
- An Enhancement is a 6-week process
- 1 task is assigned for a week
- Actors involved in tasks are (Team lead, Process lead, Test analyst, Solution designer, Engineers etc.)
- Team lead check out the task assigned for a person and alerts him about the task.

The project is to make this process automated by sending a alert message at a given time.

2. Goals and objectives

The primary objective of this project is to build an automated tool that overcome the manual works. Capturing tasks from the input file and notifying to the specified employees.

3. Solution overview

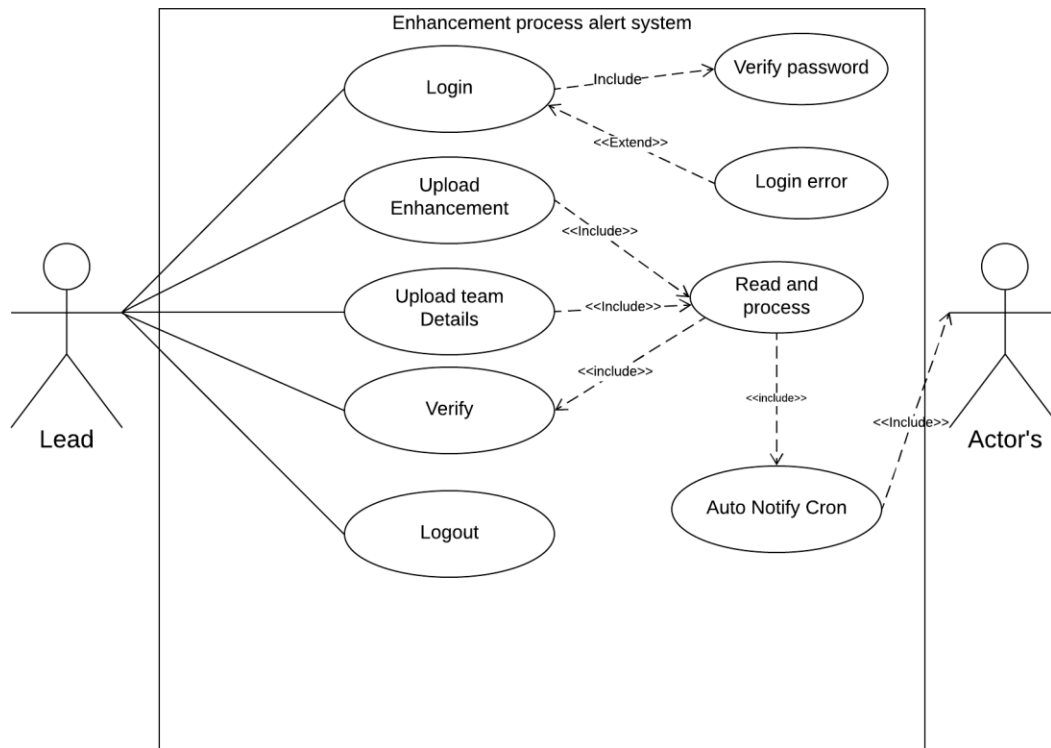


- **Enhancement Task** – This file consists of all the responsibility to respected position with respected date for 6 weeks.
- **Team Details** – Consist of team details who the tasks will be assigned.
- **Alert Tool** – It is the Tool which needs to check jobs assigned for respective employees and send alert notification regarding job on time.

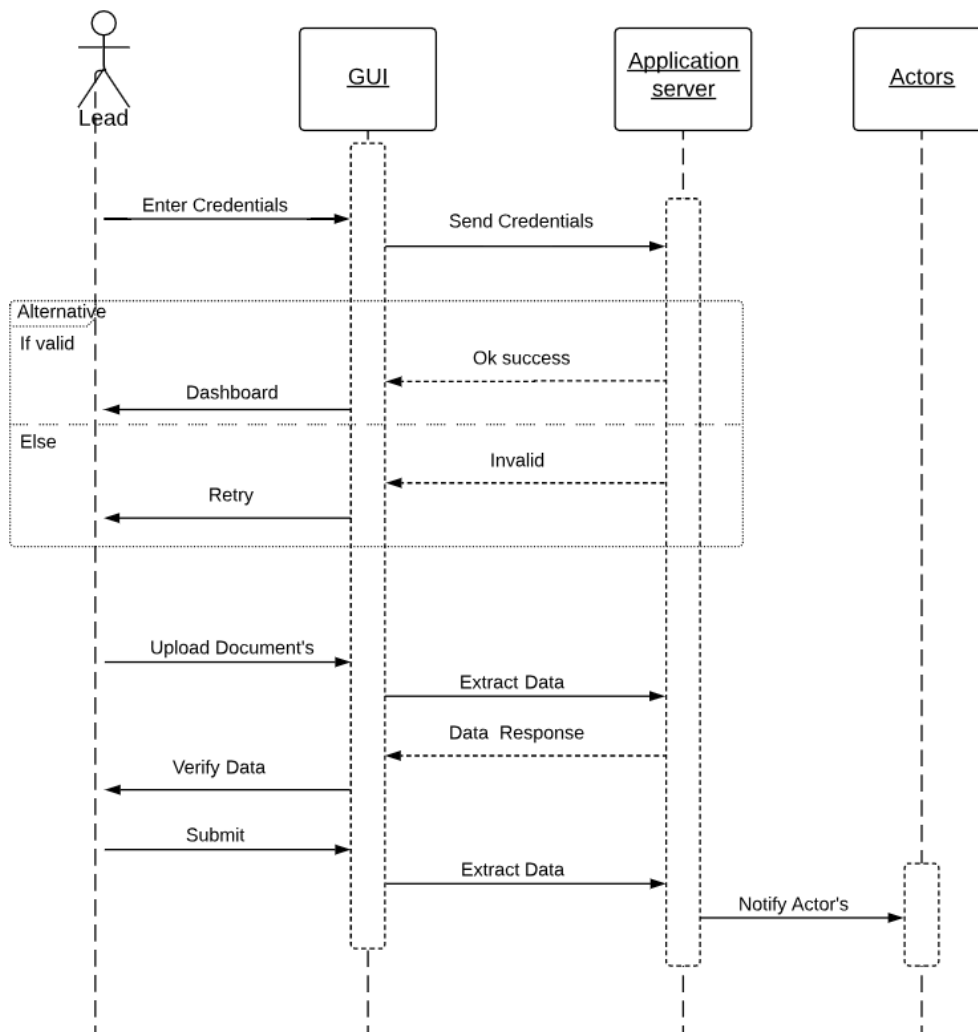
4. System Architecture

This section details out the high-level system architecture and system interactions

4.1 Use Case - A use case diagram is a representation of a user's interaction with the system that shows the relationship between the user and the different use cases in which the user is involved.



4.3 Sequence Diagram - A sequence diagram shows object interactions arranged in time sequence.



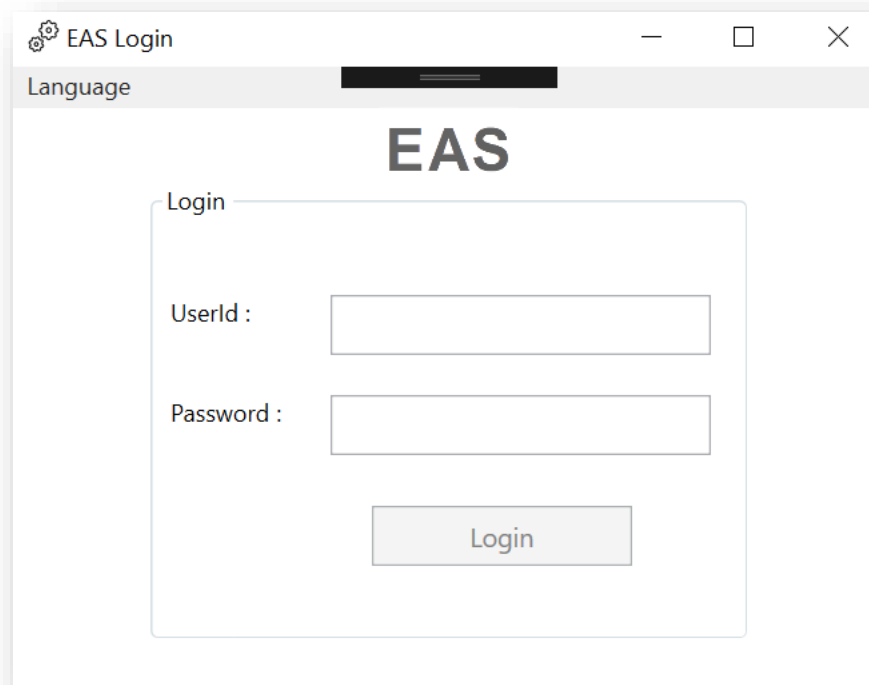
5. Tools and Technologies-

Programming language: C#

Application Type: Windows Presentation Foundation (WPF)

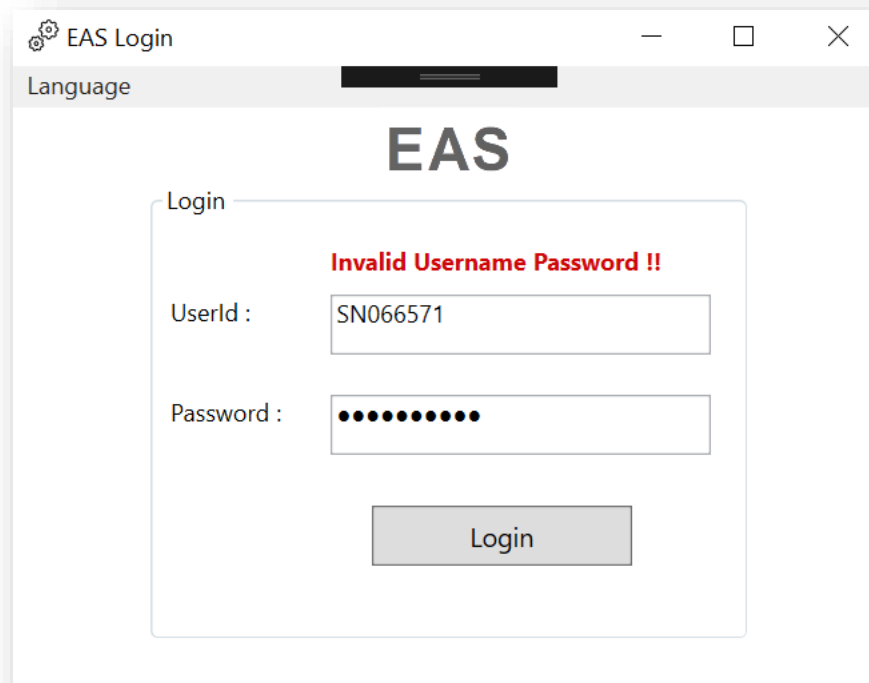
6. Screenshots-

5.1 Login-



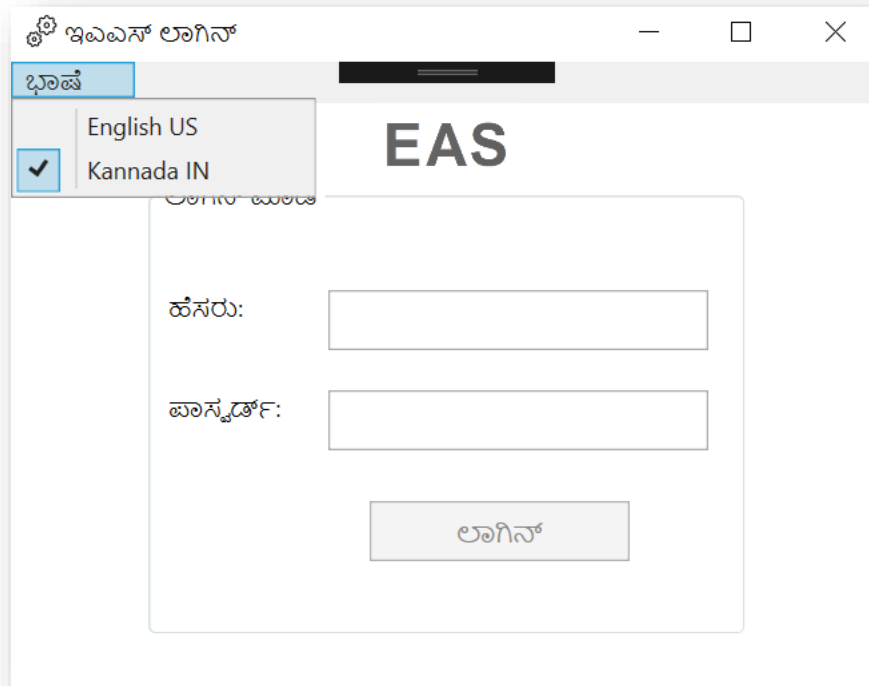
The screenshot shows a web browser window titled "EAS Login". Below the title bar is a "Language" dropdown menu. The main content area features the "EAS" logo at the top. Below the logo is a "Login" section containing two input fields: "UserId :" and "Password :". A "Login" button is positioned below the password field.

5.2 Login Invalid Password-

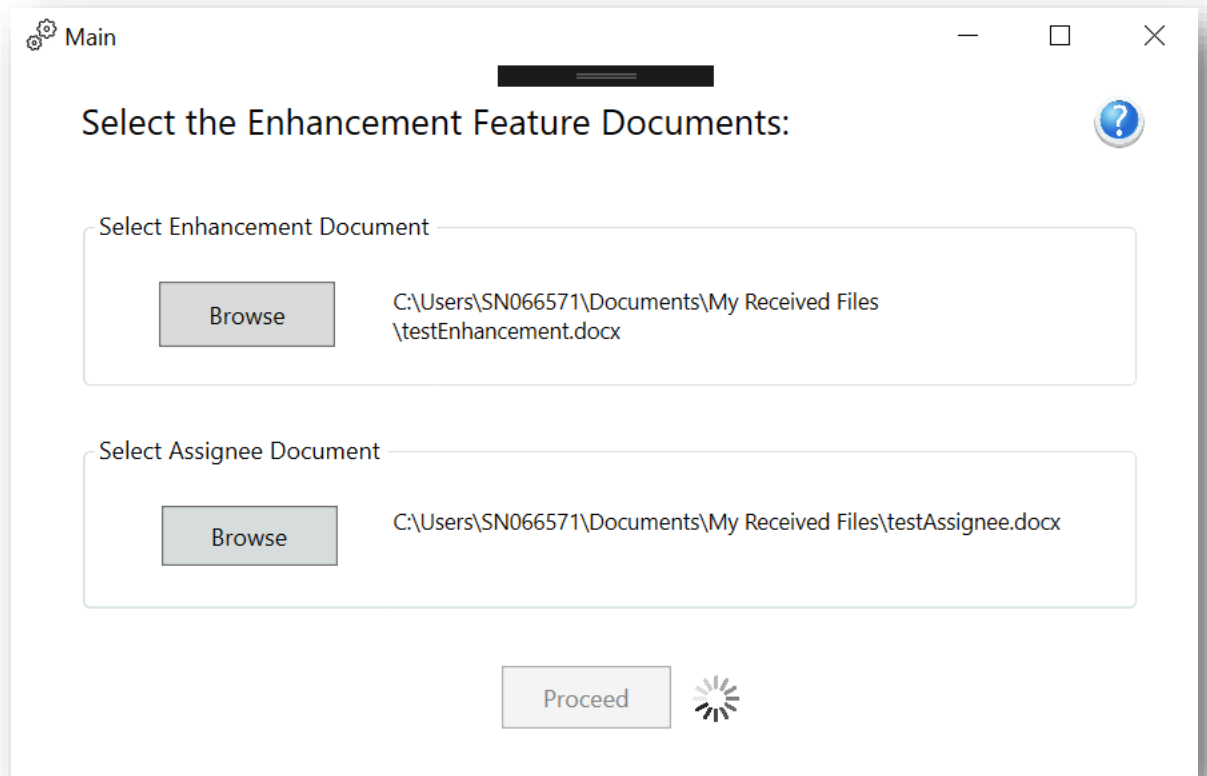


The screenshot shows the same "EAS Login" window as in the previous image. The "Login" section now displays an error message in red text: "Invalid Username Password !!". The "UserId :" field contains the text "SN066571", and the "Password :" field is filled with ten black dots. The "Login" button remains visible below the password field.

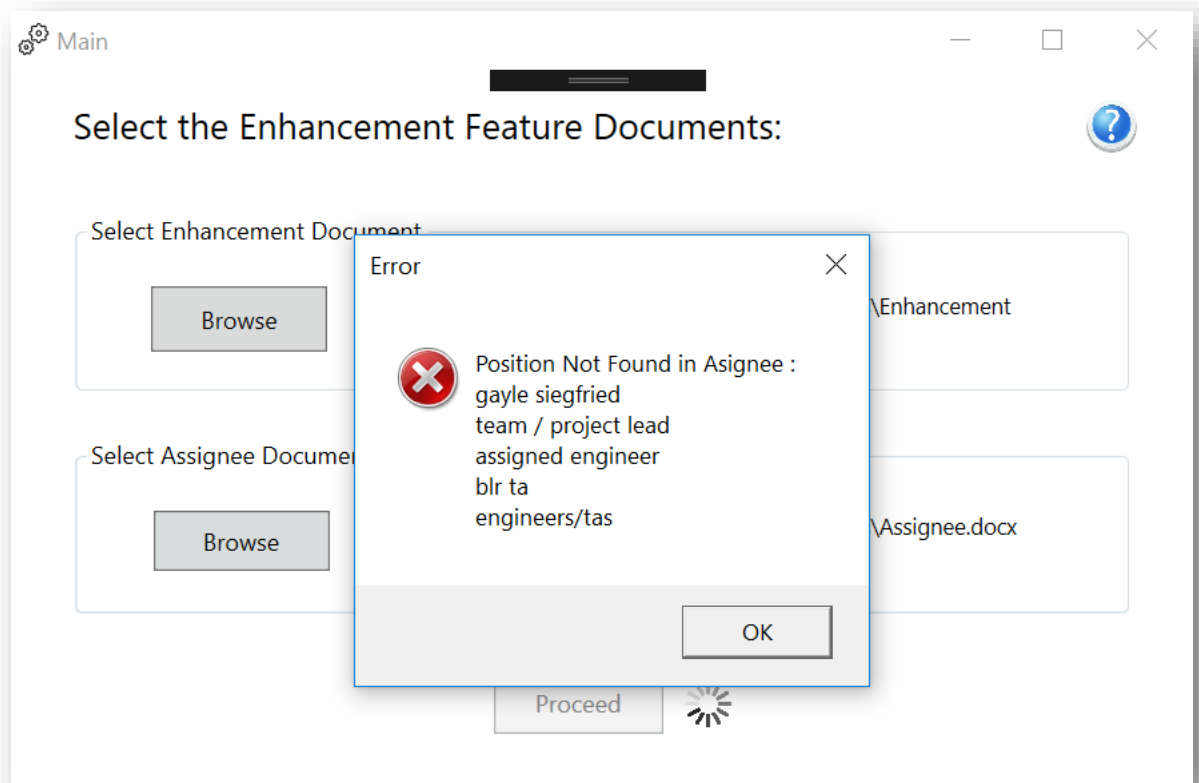
5.3 Localization Integration-



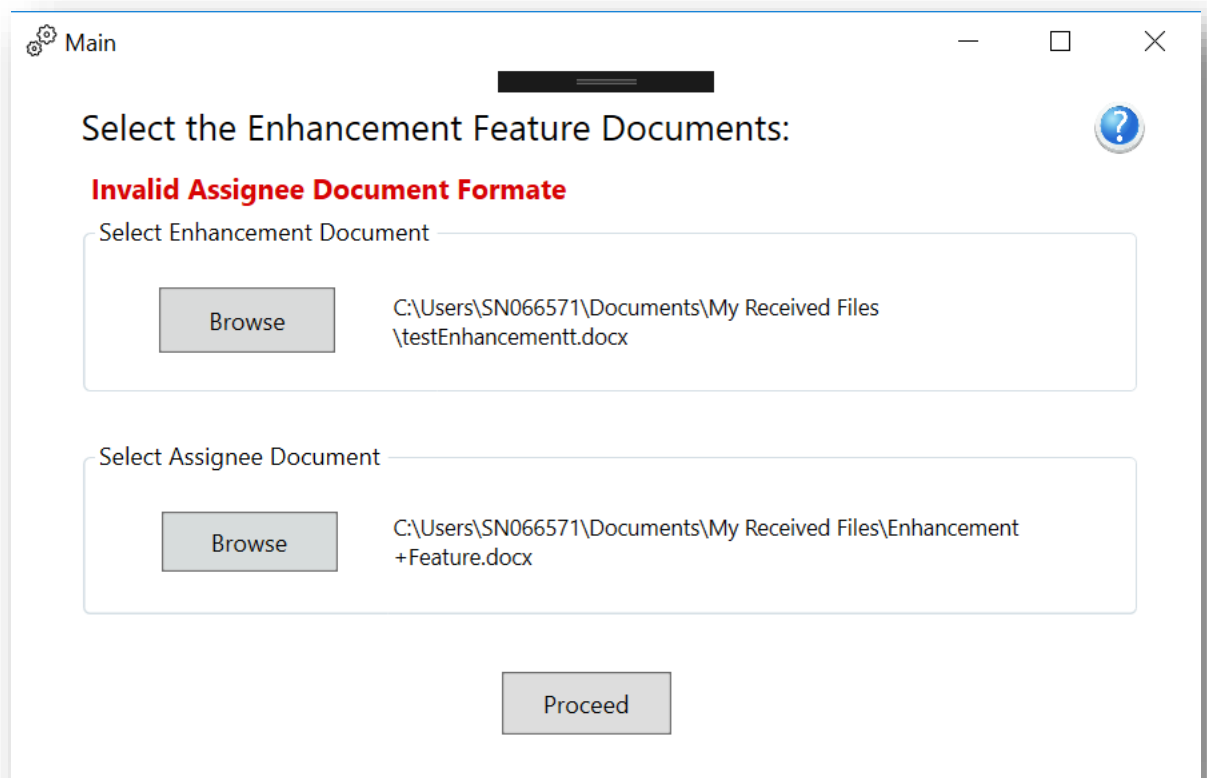
5.4 Document Browse-



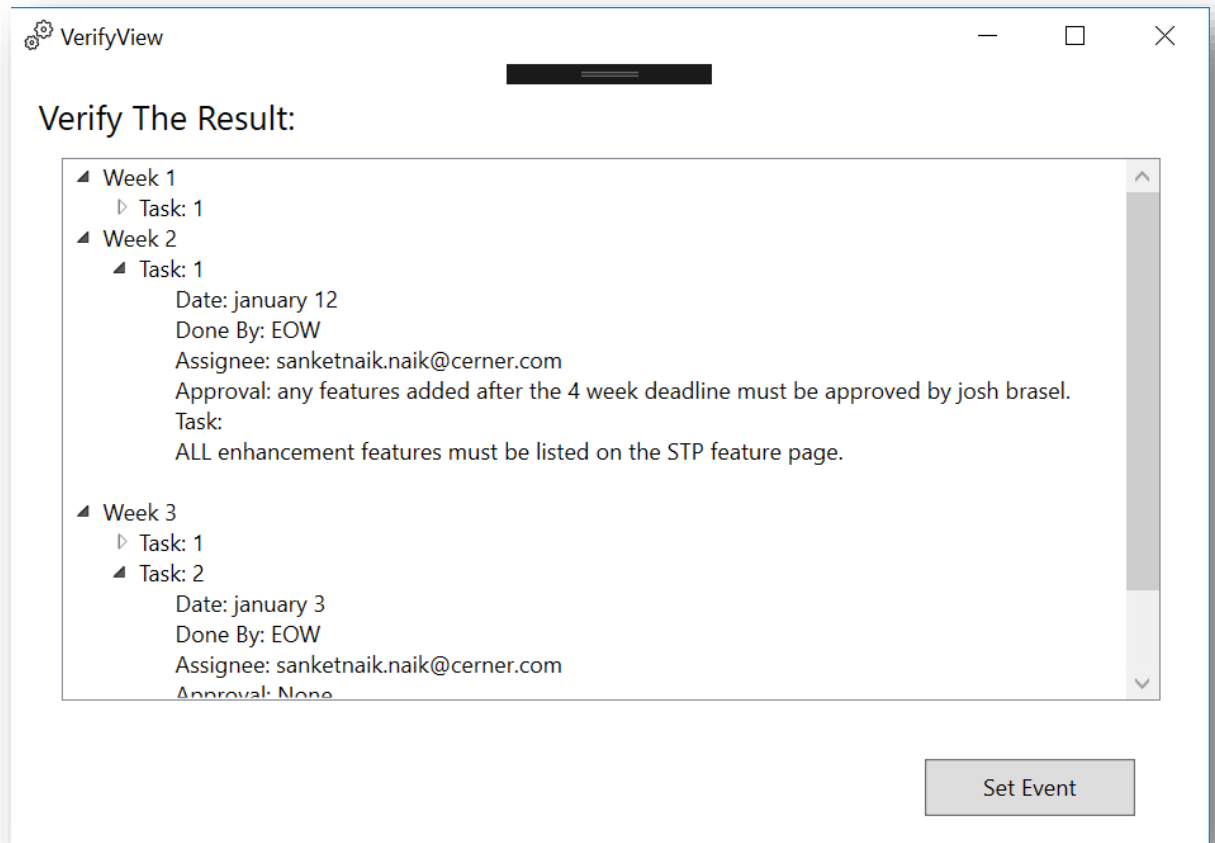
5.5 Document Position Not Found Error-



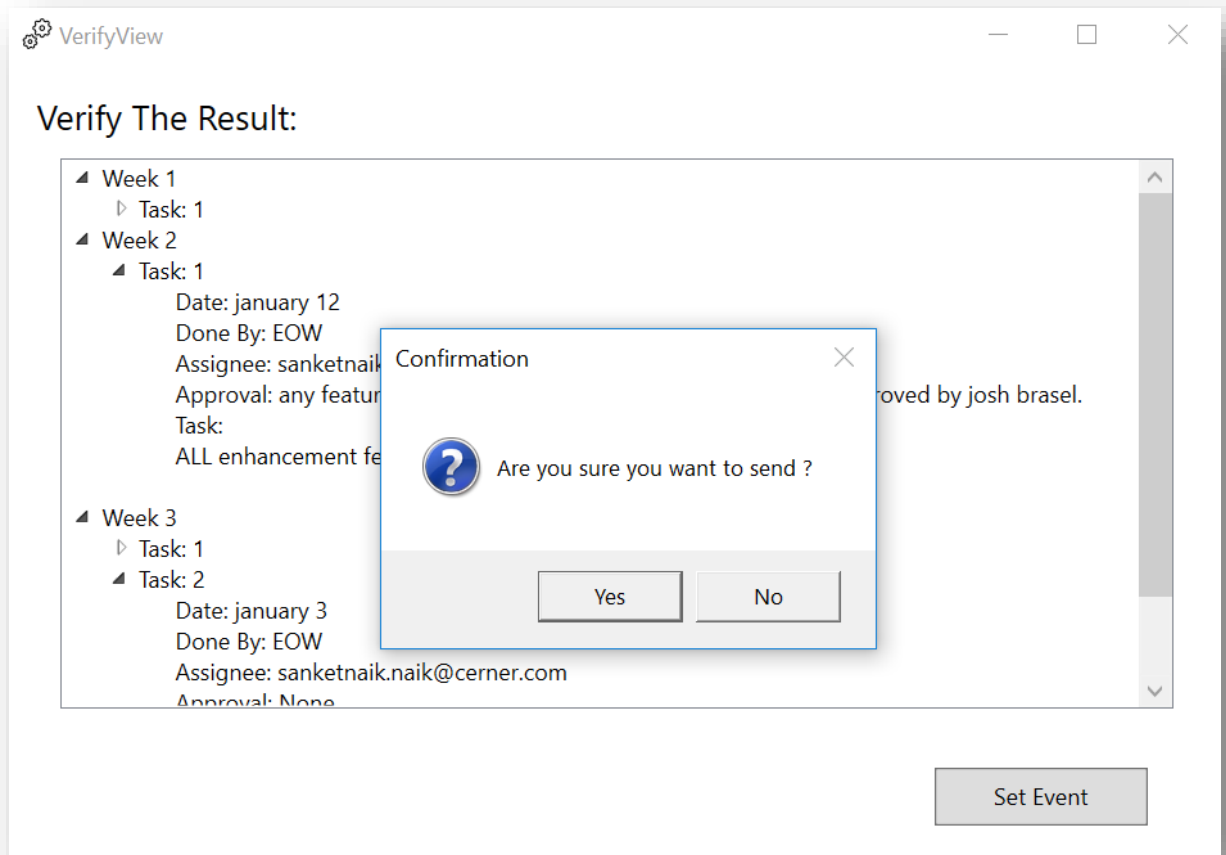
5.6 Document Format Error-



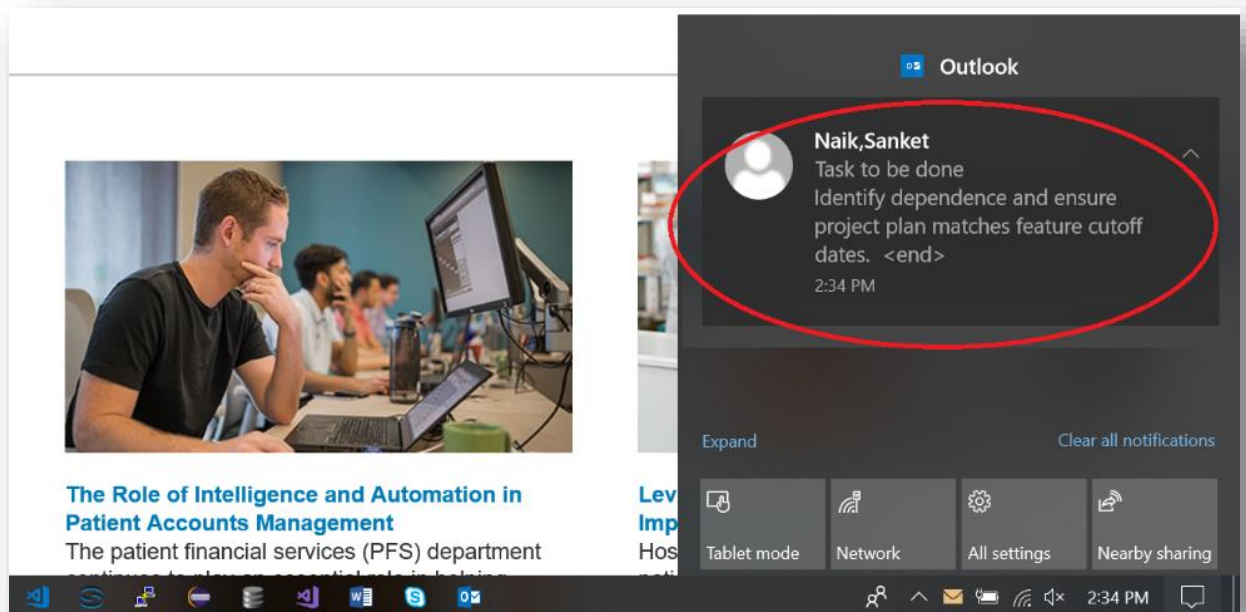
5.7 Verify Data Page-



5.8 Event Schedule Dialog-



5.9 Notification



5.10 Document pattern help-

Help

Solution Overview

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```
graph LR; ET[Enhancement Task DOC] --> AT[Alert Tool]; TD[Team Details DOC] --> AT; AT --> TA[Task Alert]
```

Enhancement Document Formate:

Below references to WEEK is the weeks prior to the enhancement feature week.

WEEK	DATE
2	April 2nd
1	April 12th

→ Week 2

Done By	Responsibility	Task	Approval
EOW	Test Analyst	Task Here	Approve message

Source: EnhancementModelTest.cs line 22

✓ Enhancement_Returns_False

00:00:00.0000000

97 %

Call Stack Breakpoints Exception Settings Command Window Immediate Window Error List

Diagnostic Tool

Diagnostics

Events

Process Monitor

CPU (% of)

Summary

ID Time

