

**PROJECT REPORT**

DOMAIN NAME:JAVA

PROJECT NAME: IAC ONBOARDING PROCESS

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**1.PROJECT DETAILS**

The project aims to improve the efficiency and user experience of onboarding processes while enhancing the performance and functionality of dashboards used for monitoring and decision-making. By automating onboarding workflows and optimizing dashboard performance, the organization seeks to streamline operations, reduce manual tasks, and provide real-time insights.

**2.SUMMARY**

The project to automate onboarding workflows and optimize dashboard performance was initiated to address the need for increased efficiency and effectiveness in handling new user onboarding processes and data monitoring. Additionally, the performance of existing dashboards required improvement to provide timely and reliable insights.

**3.INTRODUCTION**

3.1 BACKGROUND

Community Ambassadors (CA) are the face of ‘Industry Academia Community’. They reach out students to help them realize the opportunity to ‘get job ready in time’.

Their efforts are important as they help us achieve our vision to help 10 Million students by end of 2028.For understanding the efforts they put in to spread the word about social cause of IAC, they are given UTM links. These unique links help the organization to track the student’s effort for getting signing up for IAC and its activities.

3.2 STAKEHOLDERS

Project team

Business users

Project Sponsors

Human Resources

3.3 OBJECTIVES

To develop a java application to automate the CA onboarding workflows and their respective Performance Dashboards.

Once the CA submits the New Joinee Form,they receive a welcome email with the UTM link for IAC web page.

**4.METHODOLOGY**

4.1 Considerations and Assumptions

Considerations and Assumptions for the Project to Automate Onboarding Workflows and Optimize Dashboard Performance:

1. Integration Complexity

2. Resource Availability

3. Dashboard Performance

4. Testing and Quality Assurance

4.2 Approach

The project will follow an Waterfall methodology, allowing for flexibility and iterative development. Continuous collaboration between development and testing teams will ensure the quality and effectiveness of the solutions.

4.3 Activities

1.Requirements Gathering

2.Project Plan

3.Project Schedule

4.Test Plan

5.Project Closure

**5.TARGETED VS ACHIEVED OUTPUT**

In our project to automate onboarding workflows and enhance dashboard performance, our targeted output was to streamline onboarding processes, reducing manual efforts and errors, while achieving improved dashboard responsiveness and data accuracy.

Successfully automated user registration and document submission workflows. The approval workflow is in progress and expected to be completed on schedule.

**6.CONCLUSION**

The automation of onboarding workflows and optimization of dashboard performance are critical steps toward improving operational efficiency and data-driven decision-making. This project will contribute to the organization's goals by reducing manual efforts, enhancing user experience, and providing accurate and real-time data insights.

**7.APPENDICES**

7.1 Appendix-A Title

|  |  |
| --- | --- |
| **Identification** | Login Screen |
| **Type** | Class/Form/ |
| **Purpose** | Provides user authentication and access control. |
| **Subordinates** | This screen contains links to the following screens:  1.Main Menu Screen  2.New User Account Screen |
| **Dependencies** | The following screen links to this screen  Main Menu Screen |
| **Interfaces** | User login credentials |
| **Resources** | User credentials database, Security module |
| **Processing** | Validates user credentials and grants access. |
| **Data** | The data for Login Screen is the username and password entered by the user. It is validated against a query using database. |

|  |  |
| --- | --- |
| **Identification** | Registration Form |
| **Type** | Class/Form/ |
| **Purpose** | Captures user details for onboarding. |
| **Subordinates** | - |
| **Dependencies** | User Authentication |
| **Interfaces** | User input, API integration |
| **Resources** | User registration database |
| **Processing** | Collects and validates user information. |
| **Data** | User registration data. |

|  |  |
| --- | --- |
| **Identification** | New User Account Screen |
| **Type** | Class/Form/ |
| **Purpose** | Provides user authentication and access control. |
| **Subordinates** | - |
| **Dependencies** | This screen contains links to the following screens:  1.Main Menu Screen  2.Login Screen |
| **Interfaces** | User credentials |
| **Resources** | Database to store the new user credentials. |
| **Processing** | Validates user credentials and grants access. |
| **Data** | User credentials and access permissions. |

|  |  |
| --- | --- |
| **Identification** | Dashboard |
| **Type** | Class/Form/ |
| **Purpose** | Displays real-time data for monitoring. |
| **Subordinates** | - |
| **Dependencies** | Real-time Updates |
| **Interfaces** | User dashboard views |
| **Resources** | Data sources, Analytics tools |
| **Processing** | Presents data and allows user interaction. |
| **Data** | Real-time dashboard data and visualizations |