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**Tailored Application Access For Enhanced User Experience**

# Project Overview:

# The "Tailored Application Access" initiative aims to create a highly personalized and intuitive digital experience for users by dynamically adapting application interfaces, content, and accessibility based on individual preferences, behaviors, and needs. This approach enhances user satisfaction, improves engagement, and drives efficiency by providing exactly what users need in real-time.

# The core components of the project include:

# User Profiling: Developing a robust system for capturing and analyzing user preferences, habits, and accessibility requirements.

# Dynamic UI Adaptation: Implementing interfaces that adjust seamlessly based on user roles, contexts, and historical usage patterns.

# Access Optimization: Granting streamlined access to relevant features while maintaining security and respecting user privacy.

# Objectives:

* To provide role-specific access to applications and modules in ServiceNow.
* To enhance employee productivity by reducing irrelevant data and modules visible to users.
* To improve system performance and minimize confusion by tailoring the ServiceNow interface.

1. **Key Features and Concepts Utilize**

# Roles and Permissions: Assign specific roles to users to control access to applications and modules.

# Application Menus: Customize menus based on roles for a streamlined user interface.

* **Module Configuration**: Define module visibility and access levels depending on the department or function.
* **UI Policies and Rules**: Enhance user experience through dynamic adjustments based on user roles.
* **Access Control Lists (ACLs):** Secure the platform by restricting access to specific records, tables, or fields.

# Detailed Steps to Solution Design:

**Assess Requirements**:

Collaborate with department leads to identify critical applications and modules for each role. Document existing inefficiencies and desired outcomes.

**Role Definition**:

Use ServiceNow’s role management feature to create roles tailored to specific departments. Map these roles to users in alignment with their job functions.

**Application Configuration:**

Monitor user feedback and address any access or usability issues promptly.Adjust module configurations for each application to meet departmental requirements.

**Access Control List (ACL) Setup:**

Define ACLs to control access to sensitive data and ensure users only view or modify authorized information.

**UI Personalization**:

Implement UI policies and scripts to dynamically hide or show fields and sections based on roles. Enable personalized dashboards for user-specific reporting needs.

**Testing and Validation**:

Conduct thorough testing in a non-production instance to verify role-specific access. Simulate different user roles and confirm the tailored user experience.

**Deployment and Monitoring:**

Deploy changes in the production environment during low-impact hours. Monitor user feedback and address any access or usability issues promptly.

1. **Testing and Validation**

* **Test Case Development:** Prepare test cases for all roles to validate application access, module visibility, and functionality.
* **Role Simulations:** Use test accounts to simulate different roles and validate access restrictions.
* **Performance Assessment:** Verify that the tailored setup improves loading times and user efficiency.
* **User Feedback:** Collect feedback from a pilot group before full deployment.



## Key Scenarios Addressed by ServiceNow in the Implementation Project

# Role-Specific Dashboards: Employees view dashboards relevant to their department’s KPIs.

# Efficient Navigation: Users access only the modules and applications they need, improving task completion speed.

# Improved Data Security: Sensitive data is protected with ACLs, ensuring access is limited to authorized personnel.

# Dynamic User Interface: UI changes dynamically adapt to the user's role, enhancing usability.

# 7. Conclusion

The implementation of tailored application access in ServiceNow significantly improved GlobalTech Solutions' operational efficiency. Employees could focus on relevant tasks, enhancing productivity and reducing confusion. By leveraging ServiceNow’s robust role management and customization capabilities, the company achieved a secure, user-friendly, and efficient internal system.