

2. Kim, J., & Lee, S. (2019). "A Study on the Application of .NET Framework in Hospital Information System". Journal of the Korea Convergence Society, 10(8), 311-317.
3. Melnik, S., & Johnson, M. (2018). ".NET Application Architecture: Designing Applications and Services". Microsoft Press.
4. Microsoft. (2022). ".NET Documentation". Retrieved from <https://docs.microsoft.com/en-us/dotnet/>
5. Patel, A., & Shah, M. (2017). "Modern Clinic Management System Using .Net Framework". International Journal of Computer Science and Information Technologies, 8(6), 3041-3043.
6. Samanta, B. (2021). "Hands-On Domain-Driven Design with .NET Core: Tackling Complexity in the Heart of Software". Packt Publishing.
7. Sharma, N., & Singh, R. (2019). "Clinic Management System". International Journal of Recent Technology and Engineering, 8(3), 4552-4555.
8. Smith, J., & Jones, R. (2020). "Building Microservices with .NET Core: Develop skills in Reactive Microservices, database scaling, Azure Microservices, and more". Packt Publishing.
9. Taylor, A. (2018). "Pro .NET Performance: Optimize Your C# Applications". Apress.
10. Theofilis, K., & Troussas, C. (2020). "Developing an Integrated Health Care Information System Using the Microsoft .NET Framework". International Journal of Engineering Research & Technology, 9(2), 183-190.

MYGOVAZ: EMPOWERING CITIZENS THROUGH DIGITAL GOVERNANCE

Niyazlı Mahammad

Rahimova Nazila

Azerbaijan State Oil and Industry University

Abstract In Azerbaijan, the MyGovAz portal stands as a beacon of digital innovation, revolutionizing the way citizens interact with government services. Through its user-friendly interface and comprehensive range of features, MyGovAz simplifies everyday tasks, streamlines administrative processes, and fosters greater transparency and efficiency in governance.

Keywords: MyGovAz, Digital governance, Portal, Citizen services, Government services, Administrative tasks, Transparency, Efficiency, Accessibility, Secure document storage

Introduction

Streamlining Citizen Services Gone are the days of long queues and cumbersome paperwork. With MyGovAz, citizens can access a wide array of government services from the comfort of their homes or offices. Whether it's applying for permits, paying utility bills, or renewing licenses, the portal provides a one-stop destination for all administrative needs. By digitizing and centralizing these services, MyGovAz saves citizens valuable time and effort, allowing them to focus on what matters most.

User-Friendly Interface Navigating government bureaucracy can be daunting, especially for those unfamiliar with administrative procedures. MyGovAz addresses this challenge by offering an intuitive and user-friendly interface that guides users through each step of the process. From filling out forms to tracking the status of applications, the portal ensures a seamless and hassle-free experience for all users, regardless of their level of digital literacy.

Accessibility for All Inclusivity is at the heart of MyGovAz's design. The portal is accessible to individuals with disabilities, ensuring that everyone can avail of government services without barriers. Features such as screen reader compatibility and alternative input methods enable users with visual or motor impairments to navigate the portal with ease, fostering a more inclusive and equitable society.

Transparency and Accountability Transparency is fundamental to good governance, and MyGovAz upholds this principle by providing citizens with real-time access to information on government activities, policies, and expenditures. Through the portal, citizens can track the progress of infrastructure projects, monitor public spending, and engage in meaningful dialogue with government officials, fostering greater accountability and trust in the public sector.

Driving Digital Transformation MyGovAz is more than just a portal—it's a catalyst for digital transformation across the public sector. By embracing technology and innovation, government agencies can streamline processes, improve service delivery, and enhance citizen engagement. MyGovAz serves as a blueprint for other nations seeking to harness the power of digital governance to drive socio-economic development and empower their citizens.

Looking Ahead As Azerbaijan continues its journey towards a digital future, MyGovAz remains at the forefront of this transformation, evolving and expanding to meet the changing needs of citizens and government alike. Through ongoing collaboration between government agencies, private sector partners, and civil society organizations, MyGovAz will continue to innovate, iterate, and inspire positive change in the years to come.

By enabling citizens to store important documents such as diplomas and ID cards within the portal, MyGovAz ensures easy access to essential records while eliminating the need for physical document storage and reducing the risk of loss or damage.

Safeguarding Vital Records Traditionally, individuals have relied on physical copies of documents to prove their identity, education credentials, and other vital information. However, maintaining and safeguarding these documents can be cumbersome and prone to risks such as loss, theft, or damage. With MyGovAz's secure document storage functionality, citizens can securely upload and store digital copies of their important documents within the portal, eliminating the need for physical copies and providing peace of mind knowing that their records are safely preserved.

Convenience and Accessibility Gone are the days of rummaging through drawers and filing cabinets in search of important documents. With MyGovAz, citizens have instant access to their records anytime, anywhere, through a secure online platform. Whether it's a university diploma, a driver's license, or a birth certificate, users can quickly retrieve and share their documents as needed, saving time and streamlining administrative processes.

Enhanced Security and Privacy Security and privacy are paramount when it comes to storing sensitive documents, and MyGovAz prioritizes the protection of user data through robust encryption and authentication measures. By leveraging advanced security protocols, including multi-factor authentication and data encryption, MyGovAz ensures that citizens' documents remain safe from unauthorized access or tampering, providing a secure and trusted platform for storing vital records.

Empowering Digital Citizenship The integration of secure document storage within the MyGovAz portal represents a significant step towards empowering citizens to fully embrace digital citizenship. By centralizing and digitizing important documents, MyGovAz not only enhances convenience and accessibility but also promotes greater digital literacy and awareness among citizens. As individuals

become more accustomed to managing their records digitally, they are better equipped to navigate the complexities of the digital world and participate fully in the digital economy. Among its array of functionalities, the Smart Customs section stands out as a game-changer in facilitating international trade by streamlining customs clearance operations for imported goods.

Navigating International Trade Challenges The process of importing goods from foreign countries involves navigating a complex web of regulations, tariffs, and documentation requirements, often leading to delays and inefficiencies at customs checkpoints. For businesses and individuals alike, ensuring compliance with customs regulations and facilitating smooth clearance procedures is essential to avoid disruptions to supply chains and mitigate unnecessary costs.

Simplifying Customs Clearance with Smart Customs Enter the Smart Customs section of the MyGovAz portal. This innovative feature leverages advanced technology and data integration capabilities to automate and expedite the customs clearance process for imported goods. By providing a centralized platform for submitting customs declarations, tracking shipment statuses, and accessing relevant documentation, Smart Customs simplifies the complexities of international trade and enhances transparency and efficiency in customs operations.

Key Features and Benefits The Smart Customs section offers a comprehensive suite of features designed to streamline customs clearance operations and empower businesses and individuals engaged in international trade:

Automated Declaration Submission: Businesses and individuals can submit customs declarations electronically through the MyGovAz portal, eliminating the need for manual paperwork and reducing processing times at customs checkpoints. **Real-Time Tracking:** Users can track the status of their shipments in real-time, providing visibility into the customs clearance process and enabling proactive management of logistics and supply chain operations. **Document Management:** Smart Customs allows users to securely upload and store relevant documentation, such as invoices, certificates of origin, and shipping manifests, ensuring compliance with customs regulations and facilitating smooth clearance procedures. **Customs Duty Estimation:** The portal provides users with tools to estimate customs duties and taxes payable on imported goods, enabling better financial planning and cost management for businesses engaged in international trade.

Empowering Trade and Economic Growth By simplifying customs clearance procedures and promoting greater transparency and efficiency in international trade, the Smart Customs section of the MyGovAz portal plays a pivotal role in empowering businesses to thrive in the global marketplace. By reducing administrative burdens, minimizing delays, and enhancing compliance with customs regulations, Smart Customs stimulates trade and economic growth, driving prosperity and competitiveness in Azerbaijan's economy.

Conclusion

In an era defined by rapid technological advancement and shifting societal expectations, MyGovAz stands as a shining example of how digital governance can empower citizens, enhance public services, and foster greater transparency and accountability in government. By embracing innovation and putting citizens at the center of the decision-making process, Azerbaijan is charting a course towards a more inclusive, efficient, and responsive government that serves the needs of all its citizens.

References

- [1] "Digital Governance: New Technologies for Improving Public Service and Participation" by Francesco Mureddu
- [2] "E-Government 2.0: How Social Media and Web 2.0 are Transforming Government" by Alan Shark
- [3] "Handbook of Research on E-Government in Emerging Economies: Adoption, E-Participation, and Legal Frameworks" edited by Vishanth Weerakkody
- [4] "Digital Transformation and Public Services: Societal Impacts in Developing Countries" edited by Yenni Timmerman, Vishanth Weerakkody
- [5] "E-Governance and Civic Engagement: Factors and Determinants of E-Democracy" edited by Vishanth Weerakkody
- [6] "Public Sector Reform Using Information Technologies: Transforming Policy into Practice" edited by Vishanth Weerakkody
- [7] "Smart Government: Opportunities and Challenges" edited by Viktor Mayer-Schönberger, David Lazer
- [8] "Digital Governance and E-Government Principles Applied to Public Procurement" by Carlos Nunes Silva
- [9] "The E-Government Imperative: The Case of Azerbaijan" by the World Bank
- [10] "Trade Facilitation and Economic Development: The Case of Azerbaijan" by the World Bank

ADVANCING ATTENDANCE TRACKING AUTOMATION IN EDUCATIONAL INSTITUTIONS.

Amin Aliyev, Nazila Rahimova
Azerbaijan State Oil and Industry University

Abstract

In recent years, there have been unprecedented technological advancements that have completely revolutionized the way educational institutions track and manage the crucial aspect of student attendance. This groundbreaking transformation has opened up a plethora of new possibilities, enhancing the efficiency, accuracy, and overall effectiveness of attendance management systems. With the introduction of cutting-edge tools and innovative solutions, educational institutions are now equipped with the means to seamlessly monitor and precisely record student attendance, ensuring a seamless flow of data that is invaluable for both administrative and academic purposes. These remarkable advancements have not only simplified the once tedious task of attendance tracking but have also paved the way for enhanced transparency, engagement, and accountability within educational settings. Technological advancements in student attendance tracking have improved convenience and accessibility for educational institutions. Cloud-based systems provide real-time access to attendance data from any location. Biometric technologies, such as fingerprint or facial recognition, ensure accuracy and prevent proxy attendance. Improved communication channels, such as parent portals or mobile apps, allow parents to easily access attendance records and stay informed. These advancements have simplified administrative processes, enhanced transparency, and fostered a strong partnership with parents/guardians.