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### **Project Proposal**

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#### **Group Members:**

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## Abstract

Fill in text here for abstract. Notice the formatting; we are following font "Times New Roman" and default formatting provided for Headings by MS Word i.e. all the headings 1 to 6 in this document follow "Heading 1" formatting. If you need sub-headings in future, you will use hierarchy of Heading 2 and Heading 3 and so on. Line spacing throughout this document is 1.5 and font in paragraph is of 12 points. Text in paragraphs and references is justified aligned. This formatting is to make the document readable.

## 1. Introduction

Ensuring that legal documents are authentic and binding under the law is crucial. Notarisation can be used in this situation. A notary public authenticates the signer's identity and witnesses the document signing during the notarization process. After confirming the signature's validity and the signer's identity, the notary adds their signature and seal to the document. Hence, the Notarization process renders the document enforceable and aids in preventing fraud.

When dealing with several documents, notarization can be a time-consuming operation. It takes time and demands excellent attention to detail, especially if any mistakes or discrepancies need fixing. It is essential to ensure that legal documents are legitimate and enforceable.

E-notarization is a possible solution to streamline the notarization procedure and make it less stressful. E-notarization is a cutting-edge and practical approach to notarising documents electronically without being physically present. It saves time, effort, and money by removing the need to travel to a notary public office, minimizing paperwork, and expediting the procedure. Additionally, E-notarization offers higher security and accuracy because it uses tamper-proof electronic signatures and digital seals. E-notarization makes notarization available to everyone, anytime, anywhere, while preserving the papers' enforceability and legal standing.

## 2. Goals and Objectives

Our project's objectives include:

- Creating an online application for electronic notarization to streamline the notarization process
- Making sure that the platform for document authentication and verification is safe
- Expanding access to notary services across the nation, especially in rural locations
- Maintaining track of all notarized documents will Increase transparency and accountability in the notarization process.
- Enhancing customer experience by speeding up the notarization procedure and decreasing wait times.

- Creating a user-friendly design that is simple to use and understand, especially for non-technical people
- Promoting the use of digital signatures and minimizing the necessity for printed documents

### 3. Scope of the Project

The MERN Stack serves as the foundation for our innovative application, strategically catering to both notaries and clients. Dedicated portals streamline the account creation and notarization process, ensuring seamless experiences.

Notaries highlight availability and service fees, while clients conveniently schedule appointments post-secure payments. Document uploads precede real-time video interactions, facilitating meticulous identity verification via government ID photo and signature comparison. Clients must present at least two photo IDs, with subsequent mental state assessment and testimony confirming their willful participation.

This comprehensive approach takes around 5 minutes subject to provision of all required forms of identification and answers. The notary will bring up the document (already accessible to the notary) and attach his digital seal to it, authenticating the signer's identity and witnessing the document signing. Stored in immuDB, which offers cryptographic verification for tamper-proof storage, our solution ensures document authenticity.

Clients effortlessly access and export notarized documents for external use, cementing our commitment to convenience and security.

What's not included: Payment gateway integration, verification of originality of notaries license.

### 4. Initial Study and Work Done so Far

With their features and methods, well-known platforms like DocuSign, Notarize, and NotaryCam have opened the way for digitizing notarization procedures.

E-notarization is now a part of the services offered by DocuSign, a leader in digital transaction management. It streamlines notarization through a user-friendly interface, combining safe document storage with digital signatures [1] On the other side, Notarize concentrates on remote real-time notarization. Thanks to a network of licenced notaries, users no longer need to be physically present to begin notarization. Their technology maintains a secure and effective process while ensuring compliance with numerous state standards [2]. NotaryCam stands out due to its focus on worldwide reach. Through live audio and video meetings with notaries from several countries, the technology enables cross-border notarizations. In order to serve a world that is

becoming increasingly globalized, their strategy navigates the difficulties of international notarization[3].

Together, these platforms show how E-notarization continues to develop, emphasizing effectiveness, security, and accessibility. The coexistence of well-established businesses and newcomers in this space demonstrates the industry's potential for development and transformation. We have made our search and have yet to witness similar work done in Pakistan. Our project aims at bridging this gap. Our distinctive strategy puts user experience, security, and a smooth transition to a digital notarization era at the forefront.

## References

- [1] <https://www.docusign.com/products/>
- [2] <https://www.notarize.com/>
- [3] <https://www.notarycam.com/>