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**Research Paper Assignment**:

**The Intersection of Technology and Law**

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The Intersection of Technology and Law

In today’s world technology has been integrated into nearly every aspect of human life, revolutionizing businesses, organizations, and economies. Particularly it has impacted the field of law and legal industry. The use of technology has positively impacted by their significant advancements, changes in traditional practices and raised new challenges. We will explore and examine the implications of technological innovations on legal systems worldwide. From how we communicate to how we work and acquire information.

Especially COVID has force the world to transition to very online workplace and environment. An example would be digital documents giving you the ability to see your file without needing it printed or having the chance to sign the documents online. Resulting in saving and not wasting paper; the documents will be saved in a file inside the computer system where it would be kept safe. As well, making it easier to obtain when needed due to some sort of organization system implemented in the device acting as an online document storage. Secondly, in law firms it is crucial to have case management system intact because lawyers are handling many client cases at the same time and due to the workload, important updates or documents could be misplaced or lost. Additionally, in a law firm setting, technology makes it efficient for the customer to have an electronic payment option when creating a financial plan to pay their dues. Technology has also given us hybrid workplace; giving the freedom for employees to work from home. This flexibility is seen when law firms held their team meetings remote making it easier to share documents, collaborate on cases and connect. These details may seem small but make a huge difference for lawyers around the world in their law practice.

Virtual court hearings have transformed traditional courtrooms shifting the legal proceedings online. Suddenly the usual in person legal process has given the state, local, and federal judiciaries to handle the proceedings from the comfort of their home affecting the justice system overall. This results in benefitting the public as it will strength the relationship with the law by making it more accessible to others, a better attendance, less expenses, and a quicker way to share information. The new format requires court staff to adapt to the digital changes being made through the addition of Zoom. It positively affected the system by generating better experiences and continuity; these advantages made the court a more equitable place. Usually when attending court hearing there are physical barriers people face and will no longer be a problem; as well as possibly reducing the expenses being made to appear in court. There will be more active participation from judges, attorneys, and interpreters creating an inclusive and cohesive environment in the courtroom. Finally, technology can keep the courtroom secure and controlled on Zoom by having intended people to appear virtually with the features Zoom offers. This includes security features such as waiting room, passcodes and the host will have control to manage those who enter the virtual courtroom.

Document automation is a system created to help with creating of electronic documents. This adaption has helped attorneys and paralegals save “90% of drafting time”, this typically takes hours if not days to write out documentation for their cases. Thanks to the following document automation software: Documate, Formstack, Documents/Webmerge, PandaDoc, and HotDocs it has created an essential tool for many law firms to incorporate in their everyday task by saving them time. This has boosted the efficiency of the practice and work productivity within the workplace. Usually depending on the type of practice it could easily take 15-50 hours to write a draft due to the amount of researching. Surprisingly, Documate was built by a group of lawyers and engineers who are professionals that know the necessity and basic functions that the software acquire. It is designed with simple steps to guide you to build a summary with all the gathered data which will construct a well-informed automated document. Then first step is named “the interview tab” where it asks multiple questions and give you the chance to upload any files, which will generate the various of templates for you to select from. When uploading documents, it works with Docx, Word and PDF files. Documate also has features for the client to see when law practices share data or information regarding their case. Overall, this software is created to make the legal world more efficient once again and streamlined.

Moreover, technology has created jobs in the legal field and being a lawyer involves negotiating contracts and drafting motions which technology comes into play because it holds the potential be a strong tool to every lawyer. If used correctly, it could take a big amount of work to be simplified or done in a shorten amount of time. Tech has created more job opportunities in the legal industry; positions such as legal tech specialist/consultant, legal analyst, data privacy officer, cybersecurity lawyer, and patent attorney/agent. To take a deeper dive the position of legal tech specialist/consultant specialize in using technology to make better the legal processes, for example managing documents or contracts. You’ll see them working for legal tech companies, law practices, and in corporate office as part of the legal departments. Secondly, legal analyst specializes in automating legal processes, create software and analyze legal information. They are also seen working in a tech company, law firms, or in corporate. Data Privacy Officer oversees the if companies are in compliance with the legal regulations. This includes data protection laws like CCPA and DPOs ensuring that businesses are complying with the laws regarding the privacy and protection of the user. It is very normal to see legal and technology to be connected and blended as it holds hand and hand with the safety of the end user. Cybersecurity Attorneys focalizes in legal problems connected with cybersecurity, for example, any data breaches, privacy laws, and the compliance of cyber laws. These lawyers understand how the legal world works related to technology aspects. Lastly, patent attorney/agents specializes in intellectual property law. Their job requires to have expertise in technical skills and navigate the patent application while protecting the intellectual property laws. In conclusion, all these job positions and professional are demanding as the tech world rapidly grows creating more job opportunities and closing the small gap between legal and tech.

So far 2024, we have seen artificial intelligence make a huge debut as it brings technology into a new level. Artificial intelligence are computers or devices acting as human intelligence with problem solving functions drastically shifting technology in today’s world. It has revolutionized the legal field by having quicker results, improve efficient, offer solutions, and decision-making abilities. An aspect would include legal research and analyzing documents; AI has the tools to minimize the time put into researching giving you faster results while providing you more data to extract any relevant information for your cases. It could easily under a few seconds find any law, statues, or precedents that you request. This tool comes in handy as it reduces the time it usually takes lawyers to obtain such information. Another AI interesting aspect is predictive analytics, it could find you any historical case to help you get an idea of the outcome, weigh your risks, assist you in strategizing. Assisting lawyers with creating a more well-informed decisions and gather resources more effectively. Another AI features is contract analysis and management; it has the ability to review and analyze the contracts, draw out key clauses, recognize risks, and making sure it is complying with the legal regulations. Another advantage of artificial intelligence is how it would get the huge amount of reading or information and providing you with a summary with all the key takeaways. This makes it easier on the user ends because prioritizing what is relevant from the document and reduce time spent reading pointless material. The AI has capabilities to like human ways; NLP (Natural Language Processing) generates human languages which results in human interaction without no human involve. For example, virtual legal assistant or chat boxes where you can ask a question and the computer gives you a response. This promotes communication skills and making it more accessible to the public to receive legal recourses or advice. Even though AI may be seen as a tool, it also raises concerns such as there is a possibility that it could misinformed the client or misguide them. As AI is still newly introduced in the meantime lawyers are recommended when it comes to legal advice and AI could be a way to inform you the general information. Artificial Intelligences potential in the future where it can be an asset to justice by helping the public have affordable and accessible to legal service and guidance’s. Some challenges legal professionals might face is the adaptation to new technology; everyone should be open to change and willing to embrace innovation. AI is not meant to replace people or leave them job less, but its purpose is to reduce a lawyer workload and have them focus on more higher value tasks.

Lastly, digital currencies also have a complex connection together surrounding cryptocurrencies, smart contracts, and decentralized applications. There is money involve meaning there are regulations that exist when buying or selling digital money. Usually, the process of purchasing digital currency is recorded on electronic general ledger named blockchain and you will be able to see the transactions being made on a web base being monitored. When dealing with money there is also a possibility of money laundering and fraud. Therefore, legal tech organizing must look out for any signs to prevent it from happening. Essentially, they are being a vital tool of defense from the digital crimes that could arise and to manage the risk with finical crime in the digital economy. By being aware and proactive in the way they handle regulatory compliance resulting in individuals being at pleased and trusting the organization in the digital market.

In conclusion, the intersection of law and technology is just now taking off and we are now seeing the slightest changes in the legal world. In the future, technology will be more advance and help millions of legal professionals around the world by how their business will be operate and the interaction with individuals. The two sectors hold hand and hand when referring to our own protection and privacy online. We users use computers daily and have you ever thought who is looking out to make sure all your information is safe and secure. It is a legal tech expert duty to ensure everyone is following the cyber law regulation within an organization. Cybersecurity is crucial because lawyers are saving enormous amounts of their client’s information in the software or work devices which is why is it important to have tech legal prevent from their being cyber threats or hacking. A legal tech role is to be prosecuting cybercrime and create strategies to prevent from anyone who has malicious intent. Technology has introduced to ways to make legal business and legal system more efficient such as virtual court hearings and remote team meetings which helps reduce calls and more the workplace more productive. Software’s that were design to reduce legal professionals’ workload and automate documents taking less researching time. Also, enforcing and complying the laws while using digital devices, artificial intelligence, and digital currencies. These were only a few aspects when finding the connection with law and tech but imagine how all these changes impacted millions of legal professionals worldwide. As technology grows legal world is slowly implementing technical skills to their work environment and system. Technology is all about innovating and evolving which is why having to have to embrace the change while making sure everyone is complying with the legal principles.

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