

Memorandum for the State of Mongo

Sahmer Ismael

Cyber Law 406

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**Dear, Governor Karras**

I am aware that you need my aide in tackling the topic of state privacy, and personal data, since the current lack of protection for citizens data in the state of Mongo, has angered the citizens extremely. The citizens have every right to be furious since their personal data is being mishandled improperly and could lead to them becoming victims of crimes such as identity theft, fraud, and data breaches. Unlike debit cards, email accounts, and social media accounts, that can be replaced, if corrupted, personal data such as medical records, SSN, and genetic data is, personal data that sticks with an individual and cannot be replaced, if stolen. My goal is to help you understand the importance of data protection and provide you with guidance on how to resolve the issue. I work, to defend the personal data and privacy of individuals, and make them feel safe and have a sense of security, in which they have no fear that their data will be altered, or even stolen by other individuals or organizations.

## **The Importance Of Data Protection And Privacy Issues**

Before one can understand the importance of data protection, and privacy issues, one must understand what they are. Data protection signifies the practical, and official steps used to protect, the confidentiality, accessibility, and integrity of sensitive data (What is data protection and privacy, N.D.). While Privacy issues, focuses on the incorrect handling of data information such as gathering, retaining, and removal of data, or even the use of sensitive data without one's consent (What Is Data privacy, N.D.). Your citizens are right to be concerned about their sensitive information, in this digital era, where an individual's data holds such high value to not only their names, but to the government, and businesses. Furthermore, the citizens of Mongo, want to have a sense of privacy, in which they can fully believe, that their personal data is not

altered with or used without their proper consent. Data that is altered without proper consent, can put your citizens in risk of being tracked, data theft, and having no control of how their data is spread. This is a very serious matter, from the country where I am from, which is the United States, in which they have different privacy acts in place, to safeguards one's sensitive data. I feel that Mongo citizens, could benefit from having such a law in place, which would give them a sense of protection, and trust within their state. This is important for you to understand Governor Karras, if you want your people to follow your leadership, and take up on your future plans, you must first grant them a sense of being safe, when it comes to their data.

## Explaining terminologies

### **The importance of Biometric data**

Biometric data, is a type of data that describes and classifies measurable human characteristics (Biometric Data, N.D.). These unique human characteristics that are accustomed to a individual, are then used in the form of authorization and identification, in a verification processes such as, fingerprints, voiceprints, iris scans, and facial recognition systems (Biometric Data, N.D.). For example, tech companies use facial recognition as a sense of security for their user devices, in which the user, will show their face in the device screen, and if they are identified by the device, they will be allowed access. However, if they are not authenticated, they will be denied access, and prompted to enter a passcode, and after many failed attempts of entering a passcode, the device will lock. Another example of how biometrics is used for authentication, would be fingerprints, in which they are made up through a certain pattern of ridges, valleys, arches, loops, and spirals, and cannot be altered whatsoever (fingerprints Biometrics,2023). Furthermore, this form of identification is used, in many buildings for physical access, and also remote access which can lead to more classified information.

## **The importance of PII**

Personally identifiable information, which is also known as PII, is any information, which can be used to identify a individual by either direct or indirect means (Guidance on the protection, N.D.). A few examples of PII are, email address, phone number, and full name, which all can be used to link back information, to a selected individual(Guidance on the protection, N.D.).

However, the most critical form of PII is a person's SSN (Social security number), which is a unique set of 9 numbers that is used to identify individuals across the United States, these numbers cannot be changed, unless there is a reasonable need. For example, if a person was a victim of identity theft, and the issue continues, then this is a valid reason to be able to get your SSN changed. Another example that would make it permissible to change your social security number, would be if the individual life is at risk.

## **The importance of GDPR**

The general data public regulation, also known as GDPR, is a European union regulation that was created in 2018, to protect the information privacy of citizens in the Europe area.

Furthermore it poses obligations in which organizations anywhere must follow, if they collect data related to people in the EU, or there will be major fines (Wolford, N.D.).To name a few examples of what sensitive information, the GDPR protects pertaining to a individual is , IP addresses, ID number, email, and geolocation(Stanciu, 2023). This is a very important safeguard regulation for the people of EU, since more people are entrusting putting their sensitive information into cloud services, and breaches are becoming relevant (Wolford, N.D.).

## **The importance of data minimization**

Data minimization is the practice of limiting the collection of data on a certain individual, only to fulfil a specified purpose (What is data Mininzation, N.D.). This helps to safeguard one's data from companies, in which they don't collect, extra data on a individual in which they do not need, and could use to sell to other companies. This also makes it clear to individuals on why their data is being collected in the first place, and how is it used. A example of data minimization would be, if you where a business owner and you had the bank account number of your employee to pay them, for there work, this is a valid reason to keep their personal information, however lets say they quit, then there is no reason to still have their data (Fairlie, 2023).

## Suggested legislation

My personal recommendation, on how legislation should be handled in the state of Mongo, is that the only way to be able to gain the trust of the citizens back, is to pass all forms of privacy and protection laws, to help safeguard the PII, and Biometric data of individuals. This helps the citizens gain a sense of security and trust within there state and pushes away companies taking there sensitive information without proper reasoning. Furthermore, if companies where to inquire data on a individual in Mongo, there should be data minimization practices set forth in which they are only collecting data that is needed, and no more. All PII data and biometric data should also be encrypted, in which the only person who can access this sensitive information, must first get proper authorization from the client, to look at their data. There should also be multifactor authentication set fourth as well, to add a extra layer of security to the citizens sensitive information. However, implementing a privacy regulation such as the GDPR in the state of Mongo, has its advantages and its disadvantages.

### **The pros of GDPR**

There are many advantages to implementing GDPR in the state of Mongo, since it helps to enhance the data protection of individuals, due to its strict guidelines, this pushes organizations to carefully handle one's data in either, collecting, storing, and processing personal information (Taylor, 2023). This also helps individuals trust their state, and feel a sense of security, since their data is being properly controlled. GDPR also works to empower individuals, and grants them rights to know, how their data is used, who can access it, and unknown inaccuracies (Taylor, 2023). The GDPR also works in establishing a global data standardization, across the state of Mongo, which helps companies operating within the state, to have a simplified compliance process, and follow a single set of rules, instead of searching through different regulations (Taylor, 2023). This helps to improve the privacy and the security of individuals data across different borders (Taylor, 2023).

### **The cons of GDPR**

However there are disadvantages when it comes to GDPR, such as the compliance cost, because implementing measures to ensure data protection and privacy, is not cheap, and can cause financial burden (Taylor, 2023). Furthermore, operational complexity can occur since organizations have to, navigate legal frameworks, understand data protection, and implement technical and organizational measures, which can be challenging for organizations with limited IT expertise. (Taylor, 2023)

## **Conclusion**

In conclusion, Governor Karras, it is important to understand the significance of the protection and privacy, of sensitive information of the citizens of Mongo. This helps to establish trust within the citizens and enforce strict standard to how their data is processed and received by other organizations and other individuals. Furthermore, implementing strict regulations such the

GDPR, is prominent and very helpful in safeguarding the data on individuals, and enforcing how individuals want their data processed. However there needs to be a stability between a plan that can enhance the security and privacy of the individuals of Mongo, while being cost effective at the same time, because regulations such as GDPR are not cheap. I hope, I have pushed you in the right direction governor Karras on taking initiative, and protecting your citizens sensitive data, and hope you continue your studies, and contact legislatures on coming up with a final plan

Best regards,

Sahmer Ismael

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