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Deep learning based Digital Compliance System

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Abstract: Intelligent Digital Compliance is an Artificial Intelligence-based compliance system: The compliance system can partner to embed regulatory compliance requirements in front-line digital processes and automatically monitor ongoing compliance. Thus, we propose a system which uses deep learning model and learns different compliance systems, values, Laws and all the cases /judgements and orders available across the globe. We intend to build a system which can hear point of view of all the party involved and decide the outcome based on previous learning, decisions of past orders approvals and current laws, values, policies and procedures. This system could be used across all the organizations be it Corporate, Government, Courts or Common citizen. With the time frame this system can learn more and can become more robust and smarter.

INTRODUCTION

Faster clearance of Compliance is an essential system for every sector of society. Faster compliance system will result in enhanced efficiency, productivity and quality and way of decisions made in organizations. The deep learning model will speed up the of pending case and as new case proceeding order clearance.

BENEFITS

Below is the list of benefits (but not limited to) that we can obtain by using the Intelligent Digital Compliance.

Learn all the historical judgments across the world

Deep Learning will help the system learn all the historian judgements across world, learns different compliance systems, values to learn all the case /judgement/order across worldwide ref.



Figure – Learns judgment across the world

Read all the local and global laws

As it is unnatural for a person to aware of the law's, the system will use deep learning techniques to learn all Laws locally and globally. Even can learn all the updated

procedure and amendments.

Listen to all parties, decision made based on past orders and current laws

As humans tend to be biased which is natural, the smart Digital compliance will make unbiased judgements/decision

by listening to all the concerned parties their proofs and, decisions of past orders approvals and current laws.



Figure – Listing to all Parties

Faster resolution of case

Like current system takes huge amount of time by collection and analysis of data. Intelligent Digital Compliance with deep learning will revolutionize process design and reporting of issues. Real-time reporting and analysis, across the organization enabling faster resolution of case.

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Intelligent system with quality, transparency and public accountability

Smart digital Compliance system will help in improving the quality and way of resolution made, will be transparent to the public to access at any time will all details. With the time frame this system can learn more and can become more smarter and smarter.

One system for All compliance issues

One system which would have been trained will all compliance issues , standards, regulations , policies , rules that could occur in Private organization, Governments, schools, colleges, business. Anyone could check their compliances related issues and find the required solution and the place where they can proceed to get the expected outcome.



Figure – Intelligent Digital Smart Compliance

Free to administer law without fear

Free to administer without fear or favor and the system cannot be interfered by anyone including the top functionality of the organization. The system will have the power to punish those disobey their orders.



Figure - A Digital Fearless Compliance System

Check if you win or lose

Enter issue related to compliance in the system, the system will predict your points on the case where you stand, the duration within which the issue can be resolved.



Figure – Your case prediction, you win or loose

CONCLUSION

Intelligent Smart Compliance System offers highly efficient, practice-approved solutions. Intelligent Deep learning based Digital Compliance can be deployed in every organization, business which can understand and solve everyday business worries related to compliance, standards, regulations, policies, rules and solve them using its deep learning knowledge historian data collected. A user-friendly, intuitive operating concept is of the highest priority. With integrated Deep learning-based compliance system will make life as easy as possible for the user.

REFERENCES

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