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The field of Artificial Intelligence (AI) is significantly transforming several aspects of our society in countless ways. Its creation and deployment of AI applications are altering our lives and communities in a diverse range of domains, including but not limited to content recommendations, chatbots, image recognition, machine translation, fraud detection, medical diagnosis, autonomous vehicles, legal matters, education, transport, and logistics. As AI continues to play a prominent role in various domains of knowledge, it presents both advantages and concerns. On one hand, AI offers the potential for enhanced precision, efficiency, and groundbreaking research. On the other hand, it also raises significant concerns about potential risks, adverse long-term effects, and the ethical responsibilities associated with the development, deployment, and utilization of this transformative technology. Consequently, a global and vigorous discussion has emerged over the use of AI, particularly in relation to their governance, transparency, monitoring, the accountability, legal, social, ethical, public opinion, environmental aspects, ethical considerations and unbiased use of AI to mitigate any adverse effects, discriminatory practices, and injustices. Various framework and technical tools for Ethical AI are designed to ensure these systems are engineered to address diverse ethical concerns throughout the development process.

However, the promotion of responsible and ethical AI to related stakeholders in practices is a complex undertaking, fraught with several challenges. For one thing, responsible and ethical AI frameworks were still under development. Different areas are progressing at different rates in developing their own frameworks for AI governance. Thus, in many countries, organizations have growth acceleration and drive innovation in the AI space, but there has been little to no focus on responsible innovation. Also, most of the current frameworks fall short of offering detailed resources and comprehensive materials for the implementation of the technology inside an organization. In addition, the existing ethical tools are limited in scope and often fail to bridge theoretical principles with practical applications. There is no one-size-fits-all tool to provide guidance sufficient to cover all ethical principles of AI, nor an online platform showcasing the progression of responsible AI frameworks across various regions for different stakeholders. Furthermore, given the rapid integration of artificial intelligence (AI) in various industries and professional paths, there is an increasing need for individuals to possess AI skills across all sectors of the economy. Nevertheless, there is a severe lack of people who are knowledgeable about AI and responsible AI, emphasizing the necessity for the development of training programs focused on reskilling and upskilling in the field of AI, responsible AI, and explainable AI as examples.

This project, therefore, plan to tackle above challenges in implementing responsible AI with the following plans. Initially, our intention is to establish an online worldwide symposium including various partners with the purpose of exchanging knowledge regarding the present state of their respective local advancements in AI governance. In order to create awareness to public develop reliable artificial intelligence (AI) solutions, those involved in academia or business must carefully evaluate several elements, such as legal, social, ethical, public opinion, and environmental factors, which have a global impact. In addition, we intend to propose a web-based application for comparative analysis and have conducted a review of existing/well-known ethical and responsible AI frameworks that support ethical and responsible AI practices in a variety of local contexts. Consequently, everyone has equal access to modern, responsible AI components that address various aspects of the ML/AL life cycle and common ethical principles, responsible AI themes, such as bias and fairness, and varying degrees of practical application. Therefore, every organization should be able to discover one or more

toolkits that complement their working practices, culture, and organizational values. Furthermore, it is essential to provide reskilling/upskilling training courses related to responsible and AI for future AI developers, designers, and practitioners in order to address these issues effectively. It is of the utmost importance to train prospective members of the AI community, as well as other stakeholders, to consider how AI may impact people's lives and to accept their responsibilities to maximize AI's potential benefits while minimizing its potential damages.

Our project lies in many SDGs but it mainly related to the objectives of SDG 4 (Quality Education), 10 (Reduced Inequality), 16 (Peace, Justice, and Strong Institutions) which encompass the promotion of education in responsible use of AI in society, which can lead to sustainable learning solutions and greater accessibility. Additionally, we aim to reduce AI system biases related to race, gender, and other societal factors by offering a web application and training programs that facilitates global exchange and sharing of responsible AI development insights from diverse regions. Lastly, we believe that our proposed project can aid in fair governance, legal decisions, and maintaining peace.

In short, this collaborative project aims to conduct:

1. Comparative analysis and review on various responsible AI frameworks
2. An implementation of web-based application to provide the accessible knowledge to the globe about the responsible and ethical AI
3. Online Training Programs to public about the responsible AI and related topics
4. Online Symposium keen to discuss, share, disseminate, educate, and explore the understanding of responsible AI. This event aims to foster dialogue, share insights, and educate participants on the ethical development and application of artificial intelligence.

Mahidol University, particularly the Faculty of ICT, stands as a paramount institution to lead research in the responsible and ethical application of AI. Our esteemed Faculty of ICT is not only renowned for its cutting-edge curriculum and pioneering research but also for its robust collaborations. A testament to our leadership in the AI ground is our partnership with ETDA (<https://www.etda.or.th/th/>), Thailand's foremost authority in AI governance. Together, we have worked closely on drafting and implementing the national AI governance framework, aligning academic rigor with practical policy-making to ensure AI developments adhere to the highest ethical standards. Our combined strengths position us uniquely to spearhead research initiatives under the WUN universities research funding umbrella.

Desired Collaborator Profile:

We warmly invite collaborators to embark on this enlightening journey with us! In our pursuit to delve deep into the responsible and ethical application of AI, we're eager to forge a diverse team of researchers from myriad disciplines. This includes but isn't limited to fields such as business management, management information system, human rights, law, education, social studies, economics, AI practitioners and researchers and other related fields. Whether you're an established expert or an enthusiastic novice in the realm of responsible AI, your unique perspective is invaluable to us. As we come together, share insights, and foster discussions, we aim to magnify our research's global impact. Let's collaborate, learn from each other, and pave the way for groundbreaking advancements in the world of AI ethics and responsibility. Join us in this endeavor, where global expertise meets genuine enthusiasm.