Statement of Developed Tactics and Strategies

**Introduction**:

The integration of information communication technology into smart healthcare has raised patients' privacy concerns. This means innovative approaches for mitigating related privacy risks must be developed. The statement's objective is to provide strategies and plans of action that will positively address the privacy concerns when ICTs are being used in smart healthcare.

**Strategies to address the privacy concerns includes:**

- Understanding and defining privacy concepts: The regulation of how personal health information is accessed, used, and released is what information privacy is all about. Therefore, educating all healthcare providers about their privacy roles and obligations will positively address the issue since, in many cases, privacy is violated because of the mistake done by providers.

- Creating risk-based privacy control, installing software that will control privacy risks, and preparing for privacy breaches in advance. This will help to deal with privacy breach consequences much faster.

- Conducting a privacy impact evaluation to learn about the privacy threats that come with new ICT solutions or computer applications created or introduced. This will aid in the identification of real sections where privacy precautions may be needed.

- Improving privacy laws/policies and implementing penalties where people who found in violation will be held accountable according to the laws.

- Creating websites that educating patients regarding their privacy rights and protection of their personal information. This will help them to know when their rights are being violated and the proper actions to take.

- having a plan of action in place.

**Plan of Action**

To implement the strategies, each healthcare sector will have privacy officers whose primary responsibility is to make sure the change is happening and the privacy is upheld to high standards.

· **Actions and changes that will occur:**  Giving lessons on causes of privacy violation and measures to prevent them, with so much focus on technical causes since they came with technological advancement. Among the studies, healthcare professionals who use social media would be warned about patient privacy breaches' potential. They will be given training on how to use social media without exposing their patient's information. For instance, advising them to keep their professional and personal e-mail accounts apart wherever possible, but because this is not always possible, any provider who will violate the patient's privacy will be punished under revised HIPPA privacy rules.

Updating and revising HIPPA privacy rules: While patient information privacy is protected under the Health Insurance Portability and Accountability Act of 1996(HIPPA), it was established when social media and technology companies like Google, Facebook, TikTok were not developed yet. This limits the government from holding people accountable. Besides, several exceptions to this act allow health care providers to use medical record data without patients' consent. Therefore, HIPPA privacy rules will be revised and updated to maintain privacy effectively.

· **People in charge of making the changes**: Professionals who already know privacy protection would be responsible for ensuring all healthcare works take the training. Healthcare workers will be required to take training regarding privacy protection, and lawmakers will be responsible for revising and updating the HIPAA act of 1996.

· **when the change is happening**: The proposed changes will be effective starting on 01st May 2022. These changes will be revised every year to account for new ICT solutions development.

·  **Resources to carry out the change**: Healthcare sectors will require funding from the health and human service department to buy software products that will protect computer systems from security breaches and funds for education resources. Also, Healthcare sectors will need people whose expertise is privacy protection so that they can train others.

·  **Who should know about the change**: All healthcare workers, lawmakers, and patients should be given information about this change. This will help both healthcare workers and lawmakers uphold and maintain privacy standards and assist the patients in knowing their privacy rights.