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| **WRITING A LITERATURE REVIEW**  **Guiding questions to support planning, revising, and refining of a literature review \*** |

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| 1. | **What is the focus and aim of your review? Who is your audience?**  The literature review will investigate the use of Information Systems (IS) to transfer the healthcare sector in South Africa. The aim is to identify and perform an analysis on existing literature and research, academic and scholarly articles to better understand the role of information systems to aid the transformation of the healthcare sector.  The Audience will comprise of healthcare professionals, IT professionals in the healthcare sector, students with an interest in the topic, industry experts, academics and researchers, government officials and policy makers, general public and anyone interested in the subject topic. |
| 2. | **Why is there a need for your review? Why is it significant?**  The healthcare industry in South Africa is at a calamitous state, and their lack of information systems to enable the healthcare sector to perform optimally.  The review will provide valuable insight on the existing literature, provide guidance and guidance to policymakers in healthcare and information system related industries. In essence, the literature review holds significant value in advancing knowledge, informing decision-making, guiding practice, and fostering positive transformations in the healthcare sector of South Africa. |
| 3. | **What is the context of the topic or issue? What perspective do you take? What framework do you use to synthesise the literature?**  The healthcare sector in South Africa is not in good state and lacks innovation. One of the key factors that can improve the operations and performance of the healthcare sector is through information systems.  We are rapidly moving in the technology age, or fourth industrial revolution (4IR), as such one of the most important industries in South Africa, or any other country, is the well-being and health of people, therefore it is imperative to have a healthcare sector which delivers and performs well, to drive this, it is imperative to use Information Systems as an enabler of this.  The research will use a theoretical framework and will review existing theories that will serve as w roadmap for developing arguments that will be used in the research. |
| 4. | **How did you locate and select sources for inclusion in the review?**  Sources will be based on the University of Essex online library and other libraries, Scholarly Articles, Journals, Research Papers, using a search engine, available books, articled, and published reports (government, and non-government). The literature selected should be not older than 10 years, with the aim will be within a 5 year period. |
| 5. | **How is your review structured?**   * An introduction comprising of an overview and current state of information systems in South African Healthcare sector. * Evaluate the role of information systems in healthcare sector and compare them with other countries. Provide examples of successful countries in healthcare transformation with the aid of information systems. * Analysis of the impact of information systems in the healthcare industry. * Literature on current information systems, barriers and challenges in south Africa relating to information systems in the healthcare sector. * Identify critical success factors (CSF), best practices, and frameworks in information systems implementation. * Present case studies of successful information systems implementation in South Africa. * Provide gaps identifies, and provide recommendations and opportunities, assumptions, limitations relating to information systems in healthcare transformation. * Provide a conclusion on key findings from the review and make suggestions on implications for healthcare transformation in South Africa using information systems. * Identify next steps and possibly areas for further research. |
| 6. | **What are the main findings in the literature on this topic?**  There are no conclusive findings now. This will be identified post-the literature review. Any findings can be expected at the moment. |
| 7. | **What are the main strengths and limitations of this literature?**  Main Strength of the Literature   * The literature will provide insight and, best practices, patterns, and gaps in transformation of the healthcare sector using information systems. * The literature uses comprehensives research sources including scholarly articles, case studies, journals, and previous research papers to explore the topic. * Credibility, and validity, and reliability of the review is imperative and will follow a systematic approach to identify, critically evaluate, and synthesising the findings. * The review will be based on different perspectives form different stakeholders. From healthcare professionals, academics and researchers to government policy makers and information systems professionals.   Limitations of the Literature   * Availability of existing and quality research * Generalisability: The review is based in the South African context. This may impact the findings of the review due to external environment and socio-economic factors. * Technology is always evolving, and the review captured might not cover recent advancement and trends in the information systems on healthcare sector. |
| 8. | **Are there any discrepancies in this literature?**  The literature has similar findings and no major discrepancies, however, the may be limited research on the topic which may not provide sufficient depth for the review. It is also important to select the right literature to successfully reach the desired results of quality. |
| 9. | **What conclusions do your draw from the review? What do you argue needs to be done as an outcome of the review?**  General conclusions involve investments in information systems, partnership and collaborations between health care and information technology sectors, and further research on the topic. These are subject to change based on the literature as outcomes can be different. |

\* As with other sets of guiding questions in this book, select those questions that are relevant to your context, add others as appropriate, and decide the order in which you will address them to communicate effectively with your audience.

*Source*: Healey, M., Matthews, K., & Cook-Sather, A. (2020) *Writing about learning and teaching in higher education: Creating and contributing to scholarly conversations**across a range of genres*. Center for Engaged Learning Open-Access Books, Elon University. 142-152.