

ABSTRACT

It is a common knowledge that patients and clinicians experience problems due to lack of transfer of clear information during their encounters. Electronic PHR systems have emerged as a potential solution in western territory. There is still unawareness of these tools in developing countries. Therefore developing a client friendly and clinician accepted PHR system relevant to Sri Lanka based on existing knowledge of PHR domain in the world was considered as a challenge.

Comprehensive literature survey identified advantages and disadvantages of PHR systems, future challenges, types and prominent PHR products and uses of PHR in Sri Lankan context.

Sri Lankan feedback was gathered as an action designing research methodology. Client, physicians and institution focus groups discussions were used with semi structured interviews to clarify doubts. These data were used to develop the prototype and its functionality, look and feel which were evaluated for further refinement of the requirements.

Findings of the study were also summarized under future challenges namely privacy, security, interoperability, government involvement, and advance research and evaluation which could be used to system requirement analysis report generation, implementation and evaluation of the product.

