Abstract

Web applications have demonstrated their assistance as helping tools for therapeutic specialists, experts and patients as well. The uses of the Internet-based innovations and the ideas of fuzzy expert system (FES) have made new strategies for sharing and circulating information. This study intends to build rule based online fuzzy expert system which assist people around the globe during the time spent management of diabetes mellitus. The proposed work presents web based expert system (Web-FESSRADM) for individuals who can check their diabetes risk and for doctors, practitioners to assess diabetes risk online. In the Web-FESSRADM development fuzzy logic approach is utilized to determine the risk of diabetes. Open source software development environment is used to develop and actualize proposed work.

References


Index Terms

Computer Science  Fuzzy Systems
Keywords