

I. Introduction

Considering the rapid growth in the number of applications for Internet of Things (IoT) and their use into everyday life, an opportunity to provide end users with portable screening devices, that allow checking health status of patients, arises [1]. As a rule, such equipment uses cloud services for processing user data [2]-[5], and they become more and more common. Thanks to such devices, a user gets an opportunity of early diagnosis of certain types of arrhythmias, impaired conduction of the heart muscle, diabetes mellitus, coronary heart disease, metabolic disorders, malfunctions of autonomic nervous system, etc. [6]-[10].