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| **PAPER NAME** | **YEAR** | **AUTHOR** | **METHODOLOGY** | **MERIT** | **DEMERIT** |
| E-health system for monitoring elderly health based on Internet of Things and Fog Computing | 2019 | * Hafedh Ben Hassen * Wael Dghais * Belgacem Hamdi | This model proposes an e-health system for monitoring  elderly health based on the Internet of Things (IoT) and Fog computing. | Physiological parameters and general parameter are gathered using Mysignals HW V2 platform and Android app. | The system might be complex. |
| Internet-of-Things and smart homes for elderly Healthcare: An End User Perspective | 2018 | * Debajyoti pai * Suree funilkul * Nipon charoenkitkarn * Prasert kanthamanon | This model is exclusively associated with the elderly people and includes features that are unique to such a population. This model is based upon UTAUT framework. | Actual adoption of smart home services for healthcare by the elderly people. | Issue of data privacy and overall trust.  geographical distribution  of the elderly subjects. |
| An Elderly Care System Based on Multiple Information Fusion | 2018 | * Zhiwei He * Dongwei Lu * Yuxiang Yang * Mingyu Gao | The system consists of a main board and several information acquisitions boards. The main control board is the core of the hardware system, while the information acquisition boards are the basis. The Information acquisition boards are installed around the room at the right places. The voice, infrared, and pulse data are then collected directly by these information acquisition boards and some of the living status of the elderly, such as  whether he/she is absent or is sleep abnormally, can then be obtained easily. | It solves the problem of high risk of daily life of elderly people who are in “empty nest” state.  It uses multi-information fusion technology. | It gives limited information about the living status of the elderly. |
| Personal Assistance Device For Independent Senior Citizens/Patients | 2020 | * A.Yuvaraj * B.N.Gunasekhar Reddy * C.V.Saritha | This model offers an affordable personal assistance device for health monitoring of elderly people using different sensors which can measure pulse rate, position of elderly. | Help seniors to maintain their quality of life at home and to lighten the load of full time or family caretaker. | Problems for persons with cognitive impairments |