LiteratureSurveyOn NUTRITION ASSISTANT APPLICATION

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| **S.No** | **TITLE** | **PROPOSED WORK** | **TOOLS USED/ ALGORITHM** | **TECHNOLOGY** | **ADVANTAGES/ DISADVANTAGES** |
| 01 | Developmentofa | Theapplicationis | Diet Evaluation | Cloudapplication | Highly efficient |
| Smartphone | developed to | System (DES) | Development |
| Application for | assessand track |  |  |
| Dietary Self- | dietary intake. |  |  |
| Monitoring |  |  |  |
| 02 | Barriers and | identifybarriers | NVIVO®software | Cloudapplication | Itgives 75% accurate |
| Enablers to | and enablers to | Development |
| Delegating | delegating |  |
| Malnutrition Care | malnutritioncare |  |
| Activities to | activities to |  |
| Dietitian Assistants | dietitianassistants |  |

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| 03 | Co‐designing | To identifyand synthesize | adapted2weekSR | Cloud Application | Not 100% |
| nutrition | theexistingevidenceon | approach. | Development | accurate |
| interventions | the current use and |  |  |  |
| with | extentofconsumerco- |  |  |  |
| consumers: a | design innutrition |  |  |  |
| scopingreview. | interventions. |  |  |  |
| 04 | Thedeliveryof | To demonstratethe | NVIVO®software | Cloud Application | Using NVIVO® |
| patient | delivery of PCC by | Development | software it |
| centered | qualified dietitians, |  | gives 75% |
| dieteticcarein | through individual |  | accurate |
| subacute | consultationswithadult |  |  |
| rehabilitation | patientsundertaking |  |  |
| units:Ascoping | subacuterehabilitation. |  |  |
| review. |  |  |  |

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| 05 | Mobile | To knowthe | Diet Evaluation | Cloud Application | Timeconsuming |
| applicationsforthe | considerationsthat | System (DES) | Development |
| sportandexercise | practitioners should |  |  |
| nutritionist: a | make before they |  |  |
| narrativereview | implement apps into |  |  |
|  | their practice or |  |  |
|  | recommendtheir |  |  |
|  | usetocoachesand |  |  |
|  | athletes. |  |  |
| 06 | Characteristicsof | To feature,thekey | ProQuest | Cloud Application | Availabilityof |
| Smartphone | content,theoretical | Development | more scope |
| Applications for | approaches, and |  |  |
| Nutrition | methods of |  |  |
| Improvement in | consumertestingof |  |  |
| Community | applications |  |  |
| Settings:AScoping | intended for |  |  |
| Review | nutrition |  |  |

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| 07 | Mobile cloud based system recognizing nutrition and freshness of food image-  Kumbhar, Diptee and Patil, Sarita | Mobile cloud computing (MCC) has been introduced to be a potential paradigm for mobile health services to overcome the interoperability issues over distinctive information formats. In this, we propose a mobile cloud- based food calorie measurement framework. | Cloud Computing, Image Segmentation | Cloud Application Development | Pros  Multiple Platform Support Cost- Efficient  Cons  Connectivity and Performance Issues |
| 08 | Enhancing Cloud and healthy Food Nutrition Information Systems Practice- | Among the common mass food information systems are not yet popularized as a domain and thus there are huge potentialities to work on this | Cloud Computing, Mobile Computing | Cloud Application Development | Regarding manpower development there are a lot of things are pending and possible to work with. Hence cloud will do an attention on skill and manpower development for sophisticated development of food information systems. |