**BCDE214 Enterprise Problem – Activity Management System**

A client in aged care business is concerned about the growing suicide rate among adults aged 65+. To reduce this suicide rate, the client had an idea which was about patients having a companion to reduce the sense of isolation developing among patients. Example of companions can be anyone in the age group of 17 years to 45 years old. There is a desire for an activity management system which will allow both companion as well as the patient to have interaction together through the assigned activity by the client or the patient will suggest what activities one wants. Activities can be anything from talking, running, shopping, strolling, or playing. The activity management system would act as a prevention system of patient from feeling sense of isolation, such system could provide patient a companion which they can talk to and even share their feeling. This system would need to store information about the companion, the patient as well as the activities they both did together. The system must also store the patients’ health records – any check-ups from their GP’s, their Carers, GP’s, as well as logs any family visits of their relatives

**Definitions**

* Companion: A person who is assigned by the facility to be a company of the patient, note that their jobs will differ to caregivers in the amount of time, they will spend with the patient alone. Further Note: A Family member can also be a companion
* Carer: A person who helps a patient bathes, groom, dress, toilet, medications etc.
* Activity: the activity which a companion and patient will do e.g. visit a church, involving patients in shopping, walk, play games such as chess
* Patient: A person in the rest home.
* GP: A person who diagnose any illnesses, a patient could have.
* Relative: A person who is a family member of the patient.

**Desired Outcomes**

* A system which can be used to log activities done between companions and patients, as well as logs patient medical check-ups with aged care GP's, note that a patient can have medical check-up with their old GP. Further Note that medical check-up can generate a referral to a medical service.
* Store Patients Information including who was the carer as well as were there any family visits.
* Store Companions Information including what skills they possess.

**Constraints**

Constraints to the potential system include, but are not limited to the listed below:

* Due to privacy concerns, real data cannot be provided. This is a new system.