Assessment Task 2

Part A - Design Documentation

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# A1) Problem statement

The Transition from Year 10 to Year 11 is a challenging period for students due to increasing academic, social, and personal responsibilities. Many students, particularly at Saint Augustine's College, struggle to manage their myriad of tasks, leading to stress and reduced productivity. To address this issue, I propose the development of a task management application designed to assist students in keeping track of their responsibilities.

This application will provide functionalities such as account creation, sign-in, log-out, and the ability to add, edit, and remove tasks. It will serve as a digital assistant, helping students manage their daily responsibilities efficiently, freeing up mental space, and ultimately reducing stress. The goal is not just to create an organizational tool, but to enhance the overall wellbeing and academic performance of students at Saint Augustine's College.

# A2) Context Diagram

# A3) Data flow diagram

# A4) Algorithms (Flow Charts)