# PROG6001 Managing Software Development Projects – Assessment 2

# Task 1:

**Aussie Business Buzz (ABB) Request for Proposal (RFP) for Integrated System Development**

Issued by Aussie Business Buzz (ABB)

Date of Issue: 20 November 2023

Proposal Submission Deadline: 30 November 2023

Aussie Business Buzz is a dynamic enterprise in the technology product sector that is excited to invite proposals for the development and implementation of an integrated system. Our vision encompasses the support of our current four branch shops with the flexibility to accommodate future expansion. The imagined system should be a confluence of a Customer Relations Database and must a Digital Marketing System along with a Stock Management System and Management Reporting tools.

**System Description:** The main objective of this RFP is the development of a system that integrates several key business functions. Predominantly, a robust Customer Relations Database is sought to manage a list of customer details including their purchase history and records of devices entrusted to us for repairs. Additionally, the system should incorporate a dynamic Digital Marketing System. This system should make use of the customer relations database and allow integration of prospective customers' details from our existing website. It is considered equally valuable for the implementation of a Stock Management System which can handle our diverse inventory including products for sale and parts for repairs. This system should facilitate automated ordering from wholesalers and allow inter-branch stock checks and transfers. Furthermore, the development of comprehensive Management Reporting tools is necessary. These tools should provide our management team, who may be located at any of our branches, with real-time updates on all aspects of our operations.

# Task 2

## Overview of the Agile Mindset

The Agile mindset in software development is centered around flexibility as well as collaboration, and responsiveness to change. This approach contrasts with traditional methodologies by emphasizing iterative development where requirements and solutions evolve through collaboration between self-organizing and cross-functional teams. Agile methodologies such as Scrum to promote adaptive planning along with evolutionary development to make early delivery and continuous improvement. They also prioritize a rapid and flexible response to change to make them suitable for projects with evolving requirements or those in rapidly changing environments.