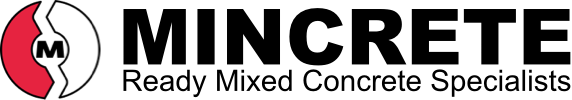
**A Level computer Science**

Component 3

Mincrete Database and orders



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Chapter One: Analysis of the problem

## 1.1 Introduction

This project is a database and ordering software that is designed to help the stake holders at Mincrete complete their job more effectively and efficiently. This software is designed to allow the staff to compile their orders together, calculate costs, revenues and profits, and schedule deliveries. The main objective of this project is to help make the company run more smoothly and effectively which therefore could lead to more revenue. This program is going to help my uncles company in helping stay more organised

## 1.2 Problem Identification

Companies may struggle with being organised especially if they have a consistent amount of orders, Mincrete is a concrete company based in Stafford, Burslem, Sandbach and Warrington. This amount of sites means there will be a frequent amount of orders, the concrete industry will always be needed due to construction and it is one of the most used industries in construction to this day. With the high amount of orders and demand, better organisation and scheduling is needed to remain efficient. A Computer program can work hundreds of times more efficiently than a human if programmed correctly, this is why I am creating a database and scheduling program for Mincrete LTD, my uncles company, to assist in helping grow and make them run more efficiently.

## 1.3 Why the problem is suited to a computational solution

A computational approach would be suited for this program as it can keep all of the data and schedule in one place, organised and quickly being able to search through to schedule, database and more within no time whereas without this searching

## 1.4 Stakeholders analysis

### 1.4.1 Stakeholders

### 1.4.2 Interviews with Stakeholders

### 1.4.3 Conclusions from Interview

## 1.5 Research

## 1.6 Features of the proposed solution

## 1.7 Limitations of the solution

## 1.8 Stakeholder Consultation

## 1.9 Hardware and software requirements

## 1.10 The requirements of the solution

## 1.11 Success Criteria