# Chapter Two: Design

## 2.1 Introduction

## 2.2 Decomposition of the problem

### 2.2.1 Decomposition Diagram

### 2.2.2 Flow Charts / Data Flow Diagram

### 2.2.3 Input Process Output

## 2.3 How All Solution Parts are Linked

### 2.3.1 State Diagram of the different forms/parts

### 2.3.2 How different functions /classes are connected

## 2.4 Database Design

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### Normalisation

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### Data Dictionary For Each Table

### Entity Relationship Diagram

### SQL Pseudocode

## 2.5 Design of other Parts of the Solution

2.5.1 Part ONE: ………………………..

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### Form/Screen Design and Layout

### Validation rules

### Key Variables/Data Structures /Classes

### Algorithms and PseudoCode

### Test Plan for PART ONE ….

2.5.2 Part TWO: ……………………

### Form Design and Layout

### Justification of Validation rules

### Key Variables/Data Structures /Classes

### Algorithms and PseudoCode

### Test Plan for PART TWO

2.5.3 Part THREE: …………………….

### Form Design and Layout

### Validation rules

### Key Variables/Data Structures /Classes

### Algorithms and PseudoCode

### Test Plan for PART THREE

2.5.4 Part FOUR: …………………………

### Form Design and Layout

### Validation rules

### Algorithms and PseudoCode

### Key Variables/Data Structures /Classes

### Test Plan for PART FOUR

## 2.6 Stakeholders involvement

## Testing plan to inform evaluation