

**GROUP ASSIGNMENT**

**TECHNOLOGY PARK MALAYSIA**

**CT077-3-2 DSTR**

**DATA STRUCTURES**

**APU2F2209CS**

**HAND OUT DATE:**

**HAND IN DATE:**

**WEIGHTAGE: 50%**

**INSTRUCTIONS TO CANDIDATES:**

1. **Submit your assignment at the Moodle System.**
2. **Students are advised to underpin their answers with the use of references (cited using the APA Style System of Referencing)**
3. **Late submission will be awarded zero (0) unless Extenuating Circumstances (EC) are upheld**
4. **Cases of plagiarism will be penalized**
5. **The assignment should be submitted in softcopy, where the softcopy of the written assignment and source code (where appropriate) should be on Moodle System.**

**7 You must obtain 50% overall to pass this module.**

Version 1.2 UCTI AssCv 2007-10-23



CT077-3-2-DSTR

DSTR Final Report

Intake code:

Name of Lecturer:

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Name of Students:

Date Due:

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# 1.0 Introduction

## 1.1 Data Structures

**Singly Linked List**

**Doubly Linked List**

**Similarity**

**Disadvantages of Singly Linked List**

**Advantages of Doubly Linked List**

**Advantages of Singly Linked List**

**Disadvantages of Doubly Linked List**

## 1.2 User Struct

## 1.3 History list and Waiting list Struct

## 1.4 Method headers

# 2.0 Function and Algorithm Description

## 2.1 login()

### 2.1.1 Input

### 2.1.2 Output

## 2.2 loginMenu()

### 2.2.1 Input

### 2.2.2 Output

## 2.3 function()

### 2.3.1 Output

## 2.4 function()

### 2.4.1 Output

## 2.5 search ()

### 2.5.1 Input

### 2.5.2 Output

## 2.6 search2 ()

### 2.6.1 Input

### 2.6.2 Output

## 2.7 function()

### 2.7.1 Input

### 2.7.2 Output

## 2.8 function()

## 2.10 function()

## 2.11 function()

## 2.12 function()

### 2.12.1 Input

### 2.12.2 Output

## 2.13 function()

### 2.13.1 Input

### 2.13.2 Output

## 2.14 function()

### 2.14.1 Input

### 2.14.2 Output

## 2.15 function()

### 2.15.1 Input

### 2.15.2 Output

## 2.16 function()

### 2.16.1 Input

### 2.16.2 Output

## 2.17 function()

### 2.17.1 Input

### 2.17.2 Output

## 2.18 function()

## 2.19

## 2.20 function()

## 2.21 function()

## 2.22 function()

## 2.23 function()

### 2.23.1 Input

### 2.23.2 Output

## 2.24 function()

### 2.24.1 Input

### 2.24.2 Output

## 2.25 function()

### 2.25.1 Input

### 2.25.2 Output

## 2.26 function()

## 2.27 function()

## 2.28 function()

## 2.29 function()

## 2.30 function()

### 2.30.1 Input

### 2.30.2 Output

## 2.31 function()

## 2.32 function()

### 2.32.1 Input

## 2.32.2 Output

# 3.0 Conclusion

# 4.0 Workload Matrix

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| Final report Documentation | | | |
| Introduction | 33.3% | 33.3% | 33.3% |
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