

BCS 2343 Software Design Workshop

Software Design Description: Introduction

TUTORIAL

by

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Question 1

- **Which of the statement below is true regarding on Software Design Description Document (SDD)?**
 - i. A proper medium in recording or documenting design (and its implementation) of a software
 - ii. Explains requirement that includes functional and non functional requirement of a software
 - iii. To assist software developers (newbie or experienced) in developing the software
 - iv. Explains the design and its implementation includes pattern / architecture used together with is classes and functions

ANSWER: _____

Question 2

Software Design Description (SDD) is a document that consist of 6 chapters which are:

- Chapter 1 / Section 1 – Introduction
- Chapter 2 / Section 2 – Referenced Material
- Chapter 3 / Section 3 – Design Description
- Chapter 4 / Section 4 – Detailed Design Description
- Chapter 5 / Section 5 – Data Dictionary
- Chapter 6 / Section 6 – Abbreviation
- Chapter 7 / Section 7 – Appendix

- **Which of the listed chapter above can be considered as optional chapters?**

Answer: _____

Question 3

- **Fill in the description of the stated terms.**

i. System Identification

ii. System Overview

iii. Document Overview

Answer Schema

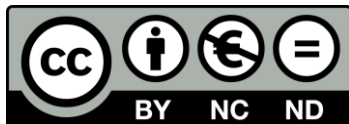
- Question 1
 - I, iii and iv
- Question 2
 - Chapter 6 / Section 6 – Abbreviation
 - Chapter 7 / Section 7 – Appendix

Answer Schema

- Question 3
 - i. System Identification
 - ID of the system that be created based on criteria that is related to the system.
 - ii. System Overview
 - Shows the overview of the system
 - iii. Document Overview
 - Describes the overall chapter in SDD

Author Information

Dr. Al-Fahim Mubarak Ali is a Senior Lecturer in Faculty of Computer Systems & Software Engineering, Universiti Malaysia Pahang. His research specialization is in Software Clone (Code and Model Clone Detection and Analysis) Software and Information Security (Cloned Malware Detection and Analysis). He involved in teaching BCS 2343 Software Design Workshop for BCS (Software Engineering) FSKKP students since 2016.



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