

BCS 2343

Software Design Workshop

Software Design Description: Referenced Material

by
Dr. Al-Fahim Mubarak Ali
Faculty of Computer Systems & Software Engineering
fahim@ump.edu.my

Chapter Description

- **Expected Outcome of the Chapter**
 - Students are able to understand the purpose of Software Design Description (SDD) document specifically on Chapter 2 / Section 2
 - Student are able to understand contents of Chapter 2 / Section 2 of the SDD document

Chapter 2 / Section 2: Referenced Material

- This chapter contains the list and description of support document needed in producing the SDD.
- Documents that can be considered as referenced materials include:
 - Document that contains standard (IEEE, ISO)
 - Document that contains requirement of the software (Example: Software Development Plan, Software Requirement Specification)
 - Document that contains coding standards

Chapter 2 / Section 2: Referenced Material

- Can be described in two forms
 - Descriptive form
 - Tabular form
- Tabular form
 - Details of the document is in the form of table
- Descriptive form
 - Details of the document is in the form of description

Example: Tabular Form

- Software Requirement Specification (SRS)

NO.	DOCUMENT NAME	DOCUMENT ID	YEAR	VERSION	DOCUMENT DESCRIPTION
1	Software Requirement Specification	[IMS-SRS-2016-03]	2016	Third version	It contains the functional and non functional requirement of IMS.

Example: Descriptive Form

- Software Requirement Specification (SRS)

Software Requirement Specification is a document that contains requirement of a software. As for the IMS, It was developed in **2016** under the code name of **[IMS-SRS-2016-03]**; which is in its **third version**. **It contains the functional and non functional requirement of IMS.**

Conclusion of The Chapter

- Chapter 2 / Section 2 Referenced Material contains the list and description of support document needed in producing the SDD.
- The referenced materials can be described in tabular form and descriptive form.

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.



OER Software Design Workshop by Al-Fahim Mubarak Ali work is under licensed [Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License](https://creativecommons.org/licenses/by-nc-nd/4.0/).