

**Information and Communications Technology Industry Training Advisory Committee
Software Products and Software Services (SW) branch
Unit of Competencies**

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| 1. Title | Identify extra functional requirements of an existing software |
| 2. Code | ITSWDM508A |
| 3. Range | Identify extra functional requirements of the existing software to address the required changes in the context of software maintenance within an organisation or for a client [Design Development Maintenance – Software Maintenance] |
| 4. Level | 5 |
| 5. Credit | 1 |
| 6. Competency | <p><u>Performance Requirement</u></p> <p>6.1 Understand various tools and techniques in identifying functional requirements of an existing software Be able to</p> <ul style="list-style-type: none"> ▪ understand the required changes ▪ use appropriate tools and techniques to identify the extra functional requirements <p>6.2 Identify extra functional requirements of an existing software Be able to identify extra functional requirements of an existing software to address the required changes in software functionality, software platform, or hardware platform</p> <p>6.3 Revise the software documents accordingly Be able to revise any software documents related to the extra functional requirements</p> <p>6.4 Identify extra functional requirements of an existing software professionally Be able to identify extra functional requirements of software in accordance with industry best practices, organization’s guidelines as well as any (local and international) laws and regulatory requirements, if applicable</p> |
| 7. Assessment Criteria | The integrated outcome requirements of this UoCs are the abilities to: (i) identify any extra functional requirements of an existing software to address the required changes; and (ii) revise any software documents related to the identified extra functional requirements. |
| Remark | Example of changes in software that may affect the functional requirements of the software include, but are not limited to, the following: a) functional enhancement; b) additional features required; c) changes of software platform; and d) changes of hardware platform. |