

## Design Essentials

### Group Training

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| Training code      | CGADEESECD                                  |
| Spoken Language    | Dutch                                       |
| Language Materials | English                                     |
| Dayparts           | 2   |
| Price              | <b>€700,00</b><br>excl. VAT No extra costs. |

### What is Design Essentials

This one-day training provides you with the essentials of software design. You will become aware of the design aspects in your role within a development team. After this training, you will know the different models used in design, understand the agile application of these models, and comprehend how each model helps shape the final solution. Models discussed in the training include:

- CADM (Chief Architecture & Data Management) layers structure, especially layer 2: Application
- Process model (in BPMN) and conceptual data model
- A system in its context (context diagram)
- Use case model and class model
- Technical design models such as UML sequence diagram and UML state transition diagram

### Who should attend Design Essentials

- Software Developers: Enhance your understanding of design models and their applications in software development.
- System Architects: Learn about various design models and how they contribute to system architecture.
- Business Analysts: Understand the role of design models in shaping business solutions.
- IT Consultants: Enhance your consulting skills with knowledge of design models and their applications.
- Quality Assurance Engineers: Understand how design models contribute to creating testable and reliable systems.
- Technical Leads: Gain a comprehensive understanding of design models to lead your technical team effectively.

### Prerequisites

Basic knowledge of software development and design principles is recommended. Familiarity with agile

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methodologies will be beneficial but is not mandatory.

## Objectives

At the end of the training, you will be able to:

- Know the different models that are used in design.
- Gain insight into the flexible application of models.
- Understand how each model helps shape the final solution.

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