

## DEPARTAMENTO DE ENGENHARIA INFORMÁTICA

# Information Security

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#### Worksheet 1 - .NET Conventions

#### Basic rules to program in .NET

#### **Included Topics:**

- Capitalization Conventions
- Names of Classes, Structs, and Interfaces
- Naming Parameters
- Names of Type Members
- General Naming Conventions

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### 1. Considerations

This document intends to show the main rules, which should be used to program in .NET. All documentation is present at: <a href="https://msdn.microsoft.com/en-">https://msdn.microsoft.com/en-</a>

<u>us/library/ms229002(v=vs.110).aspx</u> (Naming Guidelines). Next are the links to the main rules, which should be followed in the context of this UC.

**Note**: for each link only is indicated the information to be considered.

#### 2. Conventions

#### **Capitalization Conventions**

- 1. Capitalization Rules for Identifiers (PascalCasing vs camelCasing) {link}
- 2. Capitalizing Compound Words and Common Terms (link)

#### Names of Classes, Structs, and Interfaces

- 1. Names of Classes, and Interfaces (link)
- 2. Naming Enumerations (link)

#### **Naming Parameters**

1. Naming Parameters {link}

## Names of Type Members

- 1. Names of Methods {link}
- 2. Names of Properties {link}
- 3. Names of Events {link}
- 4. Names of Fields {link}

## **General Naming Conventions**

- 1. Word Choice {link}
- 2. Using Abbreviations and Acronyms {link}