# Coding Conventions

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| **Term** | **Notatie** | **Code voorbeeld** |
| Class name |  | Class CustomerProfile{} |
| Method/function name | camelCase | getCustomerName() |
| Parameter/argument name | camelCase | customerId |
| Object name | camelCase | customerData |
| Interface name | PascalCase | ICustomerRepository |
| Local variable name | camelCase | totalAmount |
| Private variable name | \_camelCase | \_orderCount |
| Public variable name | camelCase | orderList |
| Constant name | UPPER\_SNAKE\_CASE | MAX\_ATTEMPTS |
| Global variable name | CamelCase or UPPER\_SNAKE\_CASE (voor gedeelde constanten) | let totalitems = 0; |
| Comments | // for single line /\*...\*/ for multi-line | //This variable stores item  Count  /\*This function calculates the total\*/ |

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| **Component** | **Prefix** | **Code voorbeeld** |
| button | btn | const btnSubmit = document.createElement('button'); |
| checkBox | chk | const chkAgreeTerms = document.createElement('input'); |
| checkedListBox | clb | const clbOptions = document.createElement('ul'); |
| comboBox | Ddl | const ddlCountry = document.createElement('select'); |
| dateTimePicker | Dtp | const dtpEventDate = document.createElement('input'); |
| label | Lbl | const lblUsername = document.createElement('label'); |
| linkLabel | Lnk | const lnkProfile = document.createElement('a'); |
| listBox | Lst | const lstItems = document.createElement('ul'); |
| listView | Lvw | **const lvwData = document.createElement('div');** |
| maskedTextBox | mtb | const mtbPhoneNumber = document.createElement('input'); |
| monthCalendar | Cal | const calEventDate = document.createElement('div'); |
| notifyIcon | Nic | const nicNotification = document.createElement('div'); |
| numericUpDown | nud | const nudQuantity = document.createElement('input'); |
| pictureBox | Pbx | const pbxAvatar = document.createElement('img'); |
| progressBar | Pb | const pbUpload = document.createElement('progress'); |
| radioButton | Rdo | const rdoGenderMale = document.createElement('input'); |
| richTextBox | Rtb | const rtbComments = document.createElement('textarea'); |
| textBox | txt | const txtFirstName = document.createElement('input'); |
| toolTip | Tip | const tipHelp = document.createElement('div'); |
| treeView | Tv | const tvMenu = document.createElement('ul'); |
| webBrowser | Wb | const wbContent d = ocument.createElement('iframe'); |
| contextMenuStrip | cms | const cmsRightClick = document.createElement('div'); |
| menuStrip | Ms | const msMainMenu = document.createElement('nav'); |
| statusStrip | Ss | const ssStatusBar = document.createElement('div'); |
| toolStrip | Ts | const tsToolbar = document.createElement('div'); |
| toolStripContainer | Tsc | const tscContainer = document.createElement('div'); |
| timer | Tmr | const tmrAutoRefresh = setInterval(() => { /\* ... \*/ }, 1000); |

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| **Standaard** |  | **Code voorbeeld** |
| Predefine types |  | Geef de voorkeur aan let en const boven var; gebruik const voor constante waarden. |
| Brackets uitlijnen |  | |  | | --- | |  |  |  | | --- | | Plaats de openingshaakjes op dezelfde regel. | |
| Variable declaration |  | Declareer elke variabele afzonderlijk; geef de voorkeur aan const voor onveranderlijke waarden. |
| Function declaration |  | |  | | --- | | Gebruik het function-trefwoord of pijlfuncties (=>). |  |  | | --- | |  | |
| Enums |  | |  | | --- | | Gebruik hoofdletters en objecten om enums te vertegenwoordigen, bijv. const Colors = { RED: 'red', GREEN: 'green' }. |  |  | | --- | |  | |
| Indenting and whitespaces |  | |  | | --- | | 2 spaties per inspringing (of project-specifieke instellingen). |  |  | | --- | |  | |
| Line length & wrapping |  | Maximaal 80–100 tekens; lange regels indien nodig afbreken. |

**Aanvullende afspraken:**

* We gebruiken github voor versie controle.