# Functional Requirements for List Boxer version

| Revision Sheet | | |
|---|---|---|
| Name Surname | Date | Data |
| | A draft version of the document was created | 15.10.2012 |

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# Purpose of the Document

This document is intended for the **testing team**.
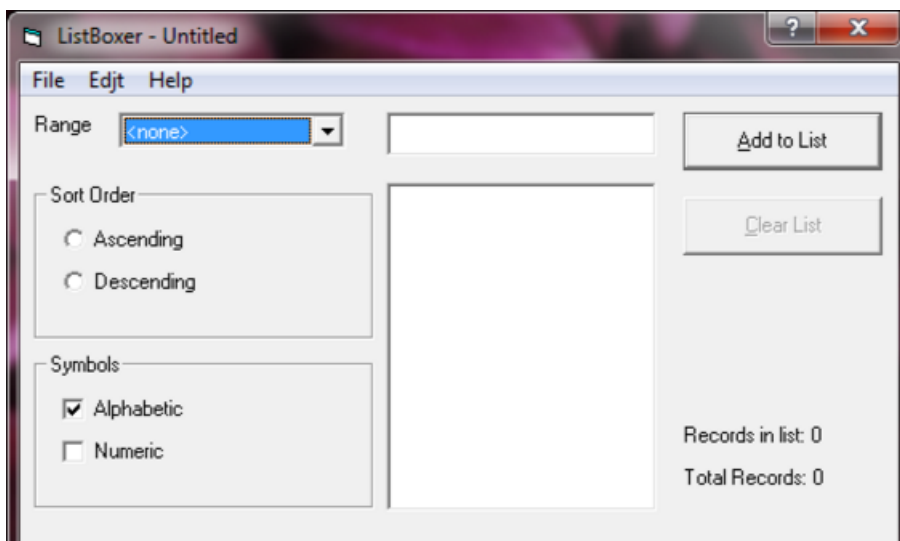
# Functional Requirements

## 1. System Requirements

1.1. **Operating system:** Windows XP SP2

1.2. Minimum system requirements:

- Processor: Intel Celeron 440 @ 1.00 GHz

- RAM: 1 GB

- Video card: 64 MB

- Minimum free disk space: 100 KB

## 2. Functional Requirements for List Boxer version 1.98



### 2.1. Main Features

- Create universal alphanumeric lists

- Edit lists

- Save lists as files on disk

- Open lists

- Delete lists

*2.2.* Operating Modes

- alfabetic:

  - **Alphabetic:**
    - Data type: Letters (uppercase, lowercase, Latin)
    - String length: 1–8
    - Activation: Checkbox "Alphabetic"
    - Other characters are not allowed in this mode

  - **Numeric:**
    - Data type: Digits
    - Range: 0 to 9999
    - Activation: Checkbox "Numeric"

  - **Mixed:**
    - Data type: Letters (uppercase, lowercase, Latin) and digits (0 to 9999)
    - Activation: Both "Numeric" and "Alphabetic" checkboxes

*2.3.* Controls

- **Buttons:**

  - "Clear List" – clears all entered information

  - "Add to List" – transfers input field data into the list

- **Option buttons** (grouped under "Sort Order"):

  - "Ascending"

  - "Descending"

- **Checkboxes** (grouped under "Symbols"):

  - "Alphabetic"

  - "Numeric"

## *2.4. Display Management (Filters)*

- Filters available only if one of the three modes is active
- Filter types depending on mode:

  - **Alphabetic:**
    - "<none>", "All", "a–m", "n–z"

  - **Numeric:**
    - "<none>", "All", "0–100", "101–200", "201–300", "301–9999"

  - **Mixed:**
    - All available filters

- **Filter details:**
  - "<none>": blocks display of all items
  - "All": displays all list items depending on selected mode
  - "a–m": shows items starting with letters in this range
  - "n–z": shows items starting with letters in this range

## *2.5.* List Sorting

- **Ascending**: via "Ascending" option button
- **Descending**: via "Descending" option button
- Numbers are treated as character strings when sorted

*2.6.* Adding a String to the List

- Press the "Add to List" button

- Press ENTER

2.7. **Deleting Information**

- At any moment, all entered data can be deleted

2.8. Undo Last Action

- Use the **Undo** command from the "Edit" menu

2.9. Contextual Help

- Available for every command

2.10. **Calling the Program Description**

- Via the "Help" menu

2.11. **Shortcuts**

- **Open:** Ctrl+O

- **Save as:** Ctrl+S

- **Exit:** Ctrl+Q

- **Copy:** Ctrl+C

- **Cut:** Ctrl+X

- **Paste:** Ctrl+V

- **Undo:** Ctrl+Z

- **Close:** Alt+F4

- **Contextual Help:** F1