4 | Development Process
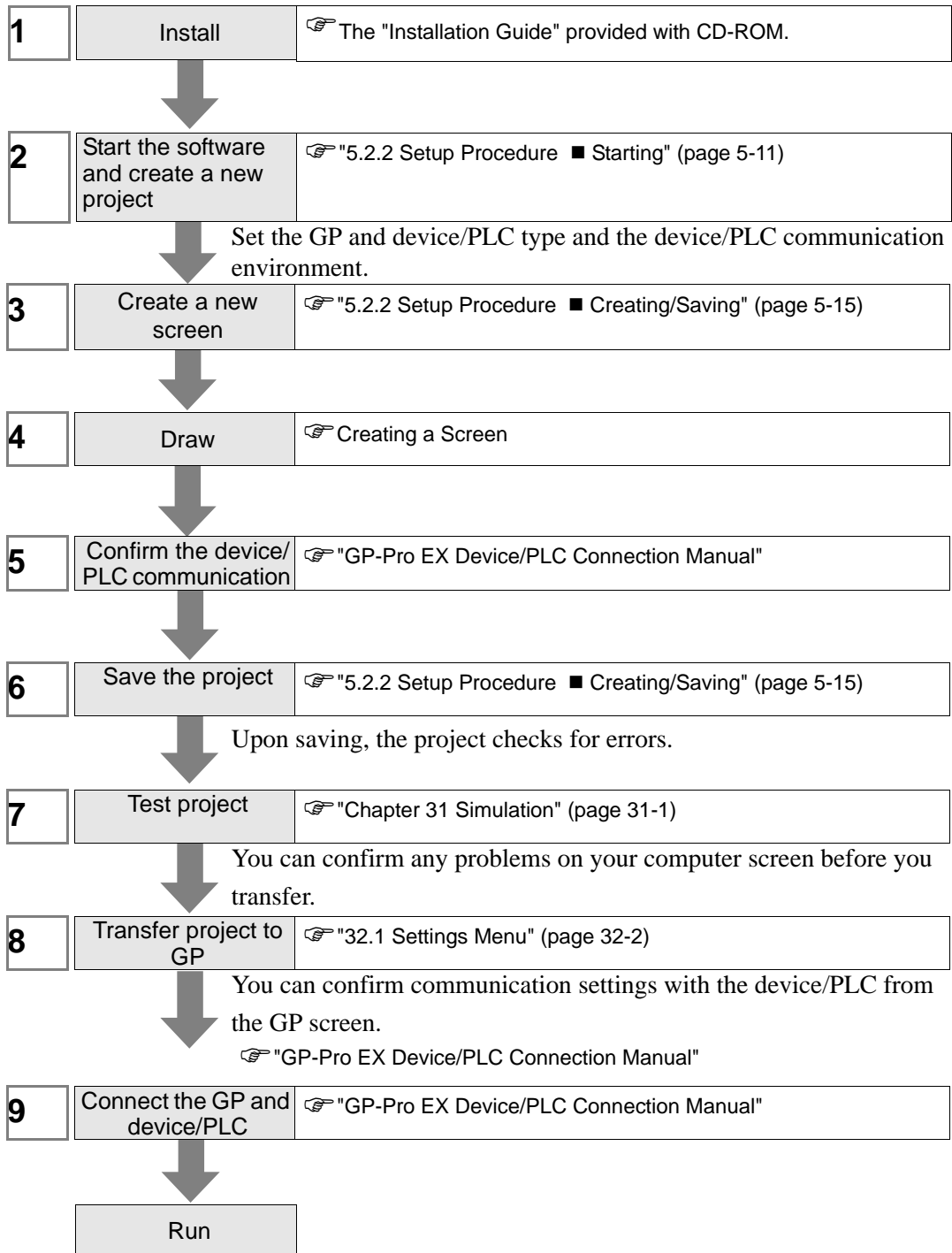
This chapter explains the procedures for development in GP-Pro EX.

4.1 Creating HMI Displays

This section explains GP-Pro EX installation, startup, new screen creation, connecting with device/PLC, and workflow to the start of screen creation.
Click the reference to go to the corresponding page.

| 1 | Install | ☞ The "Installation Guide" provided with CD-ROM. |

| 2 | Start the software and create a new project | ☞ "5.2.2 Setup Procedure ■ Starting" (page 5-11) |

Set the GP and device/PLC type and the device/PLC communication environment.

| 3 | Create a new screen | ☞ "5.2.2 Setup Procedure ■ Creating/Saving" (page 5-15) |

| 4 | Draw | ☞ Creating a Screen |

| 5 | Confirm the device/ PLC communication | ☞ "GP-Pro EX Device/PLC Connection Manual" |

| 6 | Save the project | ☞ "5.2.2 Setup Procedure ■ Creating/Saving" (page 5-15) |

Upon saving, the project checks for errors.

| 7 | Test project | ☞ "Chapter 31 Simulation" (page 31-1) |

You can confirm any problems on your computer screen before you transfer.

| 8 | Transfer project to GP | ☞ "32.1 Settings Menu" (page 32-2) |

You can confirm communication settings with the device/PLC from the GP screen.

☞ "GP-Pro EX Device/PLC Connection Manual"

| 9 | Connect the GP and device/PLC | ☞ "GP-Pro EX Device/PLC Connection Manual" |

| | Run | |

4.2 Creating HMI Displays and Logic Programs

The following figure explains GP-Pro EX installation, startup, new screen creation, connection with device/PLC, and the workflow up to the start of creating screens and logic programs.
Click the reference to go to the corresponding page.

1	Install	☞ The "Installation Guide" provided with CD-ROM.

2	Start the software and create a new project	☞ "5.2.2 Setup Procedure ■ Starting" (page 5-11)

Set the GP and device/PLC type and the device/PLC communication environment.

3	Create a new screen	☞ "5.2.2 Setup Procedure ■ Creating/Saving" (page 5-15)

4	Create a logic program.	☞ "Chapter 28 Logic Programming" (page 28-1)

Only for models that support the logic function.
☞ "1.3 List of Supported Functions by Device" (page 1-5)

5	Assign I/O terminals.	☞ "Chapter 30 Controlling External I/O" (page 30-1)

6	Draw	☞ Drawing a Screen

7	Confirm the device/PLC communication	☞ "GP-Pro EX Device/PLC Connection Manual"

8	Save the project	☞ "5.2.2 Setup Procedure ■ Creating/Saving" (page 5-15)

Upon saving, the project checks for errors.

9	Test project	☞ "Chapter 31 Simulation" (page 31-1)

You can confirm any problems on your computer screen before you transfer.

10	Transfer project to GP	☞ "32.1 Settings Menu" (page 32-2)

You can confirm communication settings with the device/PLC from the GP screen.
☞ "GP-Pro EX Device/PLC Connection Manual"

11	Connect the GP and device/PLC	☞ "GP-Pro EX Device/PLC Connection Manual"

Run