

## MIRATaskGen 0.9

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### Installation

Double click the MIRATaskGen installer. This will install MIRATaskGen in the folder MyDocuments/ and will create a shortcut in the Start Menu.

### Working of MIRATaskGen

1. Click Start → All Programs → MIRATaskGen
2. Enter the number of actions and the title of the task analysis procedure as shown in the Figure 2 and click 'Enter'

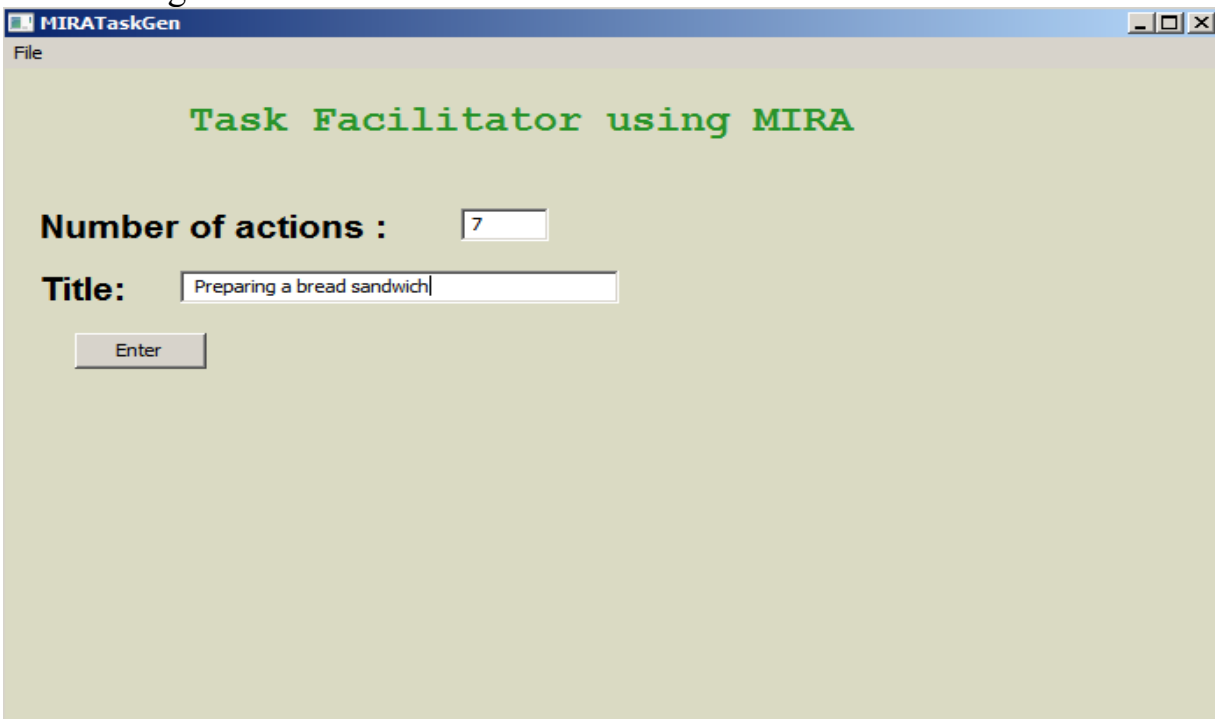
The image shows a screenshot of a Windows application window titled "MIRATaskGen". The window has a menu bar with "File" and standard window control buttons (minimize, maximize, close) in the top right corner. The main area has a light green background and displays the text "Task Facilitator using MIRA" in a green, monospaced font. Below this, there are two input fields. The first is labeled "Number of actions :" and contains the number "7". The second is labeled "Title:" and contains the text "Preparing a bread sandwich". Below these fields is a button labeled "Enter".

Figure 2: Number of actions and title

3. Enter the new reason, instruction and goal as shown in the Figure 3. After entering, click 'OK' and then 'NEXT'.

The screenshot shows a window titled "Action details input" with a close button in the top right corner. Inside the window, the text "Action 1/7" is displayed in the top left. Below this, there is a "New Reason:" label followed by a text input field containing "In kitchen" and an "Enter" button. In the center of the window is a large, empty rectangular box. To the right of this box are two buttons: "Select Reason" and "Select Goal". Below the large box, there are three input fields arranged horizontally. The first is labeled "Reason" and contains "In kitchen", with a "Remove selection" button below it. The second is labeled "Instruction" and contains "Get the bread bag". The third is labeled "Goal" and contains "Got the bread bag". At the bottom center is an "OK" button, and at the bottom right is a "Next" button.

Figure 3: Action details input for the first action

4. The reason and goal, which was entered previously appears in the middle box. If the action has the reason or goal, which was entered previously, select these from the middle box. An example is shown in the Figure 4.

The screenshot shows a window titled "Action details input" with a close button (X) in the top right corner. The window displays "Action 6/7".

At the top, there is a "New Reason:" label followed by a text input field and an "Enter" button.

In the center, there is a list box containing the following items:

- Got the bread bag
- Taken bread
- Got jam
- Opened the bread bag
- In kitchen (highlighted)
- Got butter

To the right of the list box are two buttons: "Select Reason" and "Select Goal".

At the bottom, there are three input fields:

- Reason:** A text box containing "In kitchen". Below it is a "Remove selection" button.
- Instruction:** A text box containing "Take knife".
- Goal:** A text box containing "Taken knife".

At the bottom center are two buttons: "OK" and "Next".

Figure 4 Action details input for previously entered reasons and goals

5. On entering all actions, the screen provides the option of the start and the end stage of the task analysis procedure as shown in the Figure 5. Select these from the box and click 'Ok' and 'Close'.

The screenshot shows a software window titled "Action details input" with a close button (X) in the top right corner. Inside the window, there is a instruction: "Select start and End by clicking on the appropriate button".

In the center, there is a list box containing the following items:

- Got the bread bag
- Taken bread
- Got jam
- Opened the bread bag
- Sandwich ready** (highlighted)
- Taken knife
- In kitchen
- Got butter

To the right of the list box are two buttons: "Start" and "End".

Below the list box, there are two input fields:

- On the left, under the label "Start", is a text box containing "In kitchen".
- On the right, under the label "End", is a text box containing "Sandwich ready".

At the bottom of the window are two buttons: "OK" on the left and "Close" on the right.

Figure 5 Start and End stage inputs

6. The parent screen appears with the input actions along with the 'Get Sequence' button. Click the 'Get Sequence' button and the sequence of tasks appear on the screen as shown in the Figure 6.

The screenshot shows the MIRATaskGen application window. At the top, there is a menu bar with 'File'. Below it, the 'Number of actions' is set to 7, and the 'Title' is 'Preparing a bread sandwich'. An 'Enter' button is located below the title. On the left side, there is a list of actions: Action1: Get jam, Action2: Get butter, Action3: Get the bread bag, Action4: Open the bread bag, Action5: Take the bread, Action6: Take knife, and Action7: Spread butter and jam on bread. A 'Get Sequence' button is at the bottom left. On the right side, under the heading 'Sequence', the tasks are listed in four steps: Step1 (Take knife, Get the bread bag, Get butter, Get jam), Step2 (Open the bread bag), Step3 (Take the bread), and Step4 (Spread butter and jam on bread). The final status is 'Goal Reached'.

Action	Sequence
Action1: Get jam	Step1 Take knife
Action2: Get butter	Get the bread bag
Action3: Get the bread bag	Get butter
Action4: Open the bread bag	Get jam
Action5: Take the bread	Step2 Open the bread bag
Action6: Take knife	Step3 Take the bread
Action7: Spread butter and jam on bread	Step4 Spread butter and jam on bread
	Goal Reached

Figure 6 Sequence of tasks

7. To save the input actions and the generated sequence to a \*.txt file, click on File → Save.