Textual instruction

How to cook carrot soup

Wash the carrots and cut them into small pieces.
Take a medium sized pot and fill it with water.
Put the pot on the stove and turn the stove on.
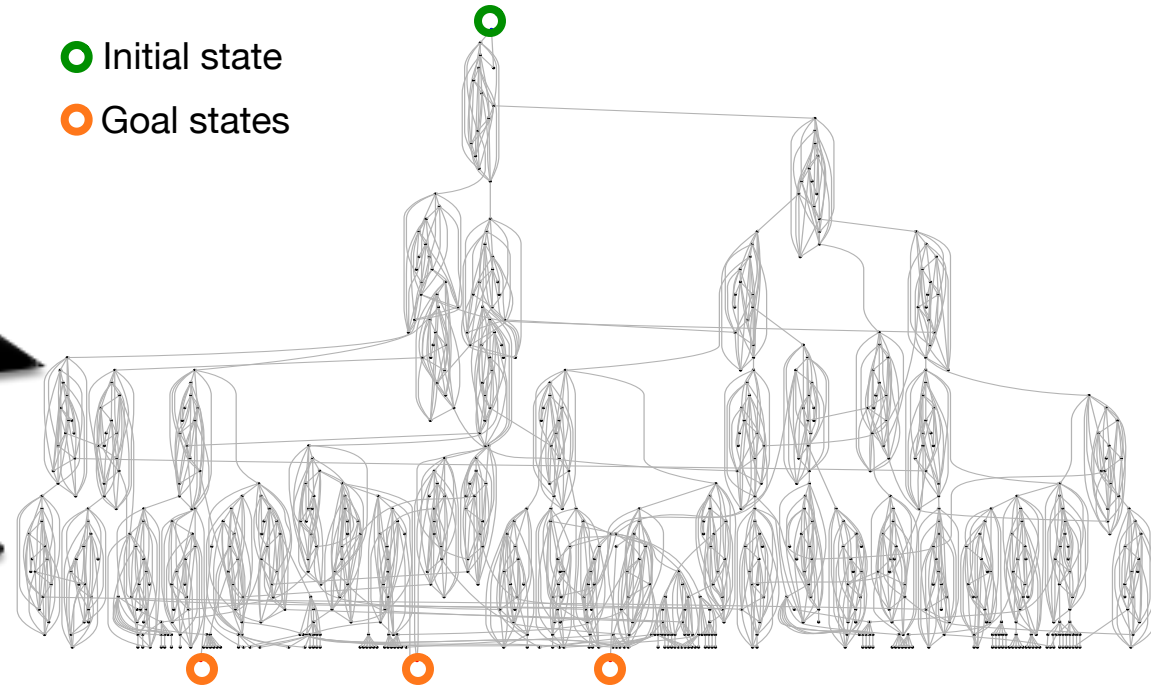Boil the water and add the carrots.
Cook for 15 minutes.
…

generate

combine with

Computational model of user behaviour

O Initial state

O Goal states

Sensor-based observation of executed tasks

perform

Recognition of user behaviour

Executed Action

1. Wash carrot
2. Cut carrots
3. Peel onion
4. **Cut onion**
5. Take pot
6. Fill water in pot