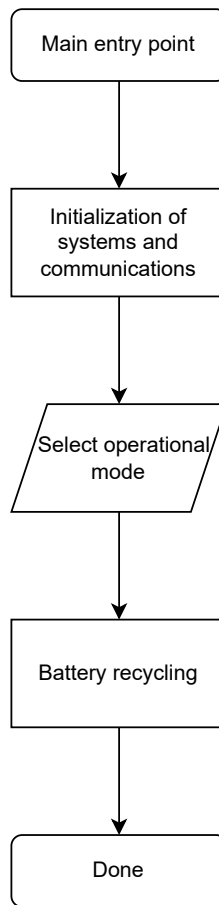


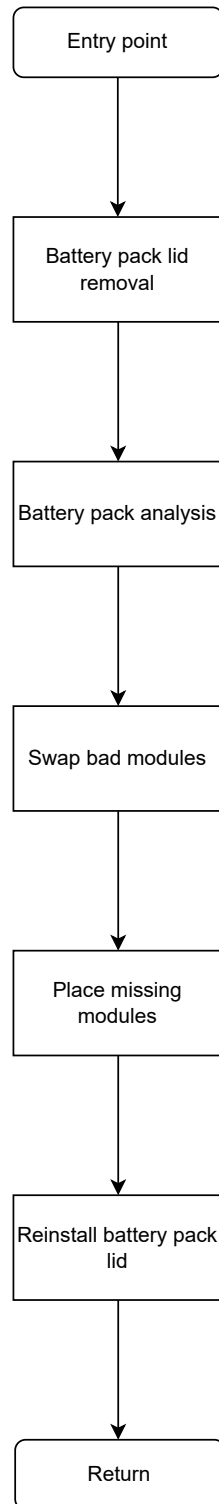
Robotic recycling cell high level flow chart

Main entry point



Robotic recycling cell flow chart

Function: Battery recycling



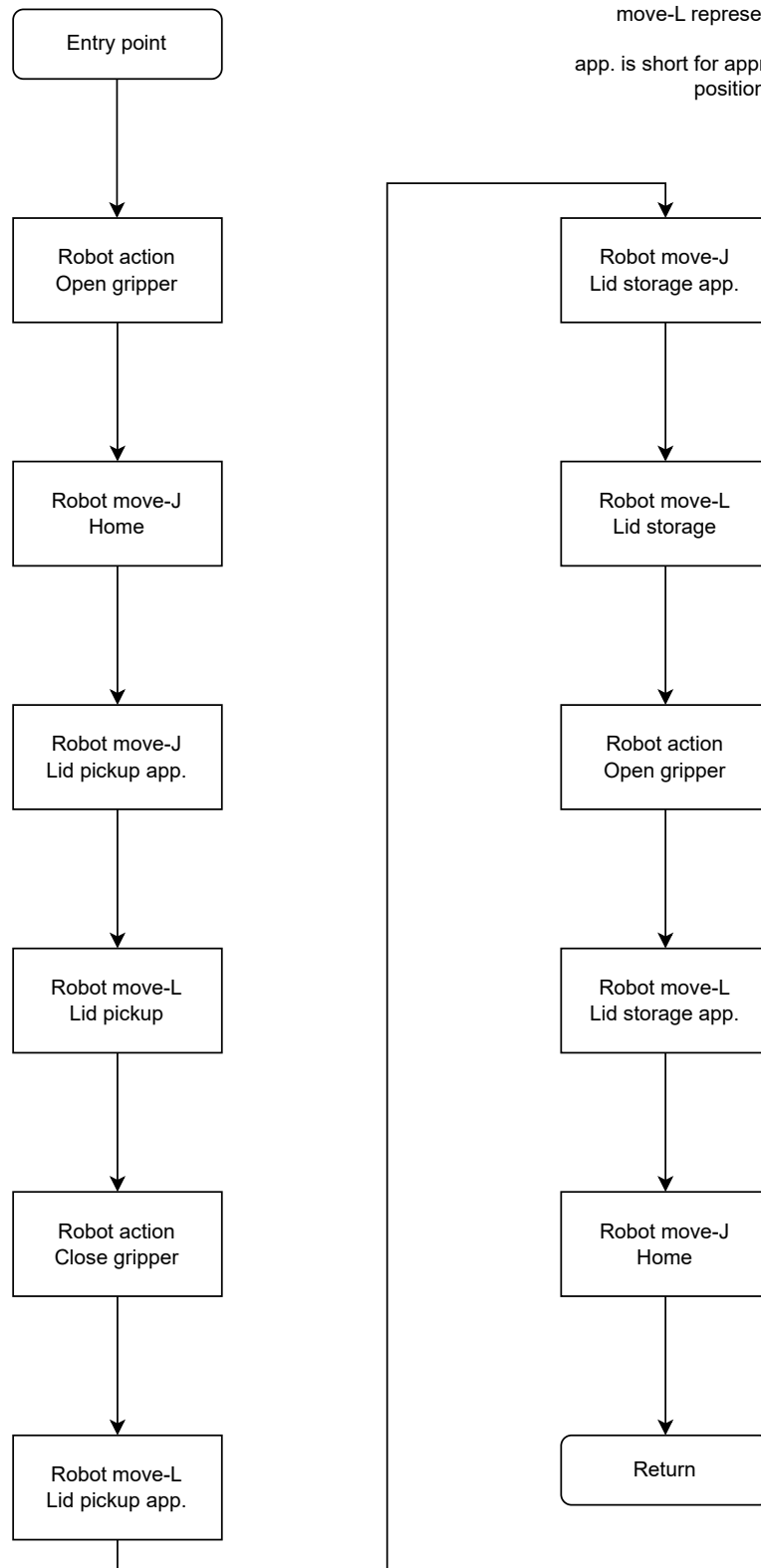
Robotic recycling cell flow chart

Function: Battery pack lid removal

move-J represents a joint move of the TCP

move-L represents a linear move of the TCP

app. is short for approach and refers to the approach position for a specific target



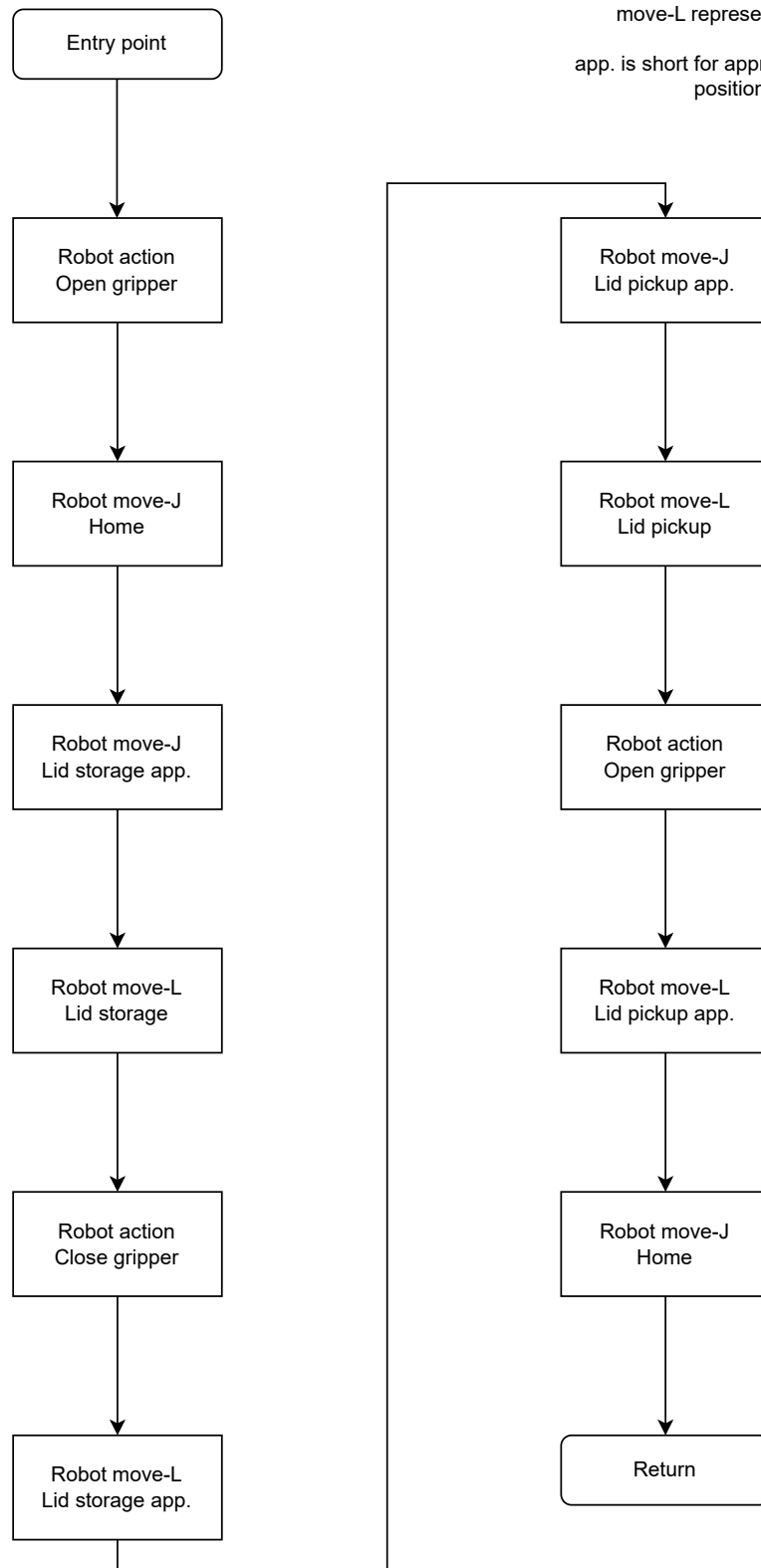
Robotic recycling cell flow chart

Function: Battery pack lid retrieval

move-J represents a joint move of the TCP

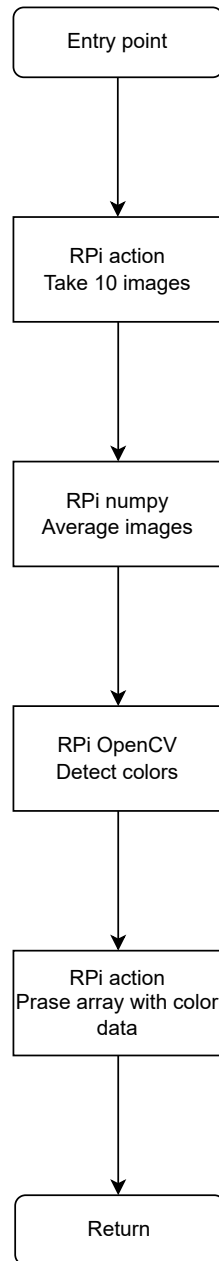
move-L represents a linear move of the TCP

app. is short for approach and refers to the approach position for a specific target



Robotic recycling cell flow chart

Function: Battery pack analysis



Robotic recycling cell flow chart

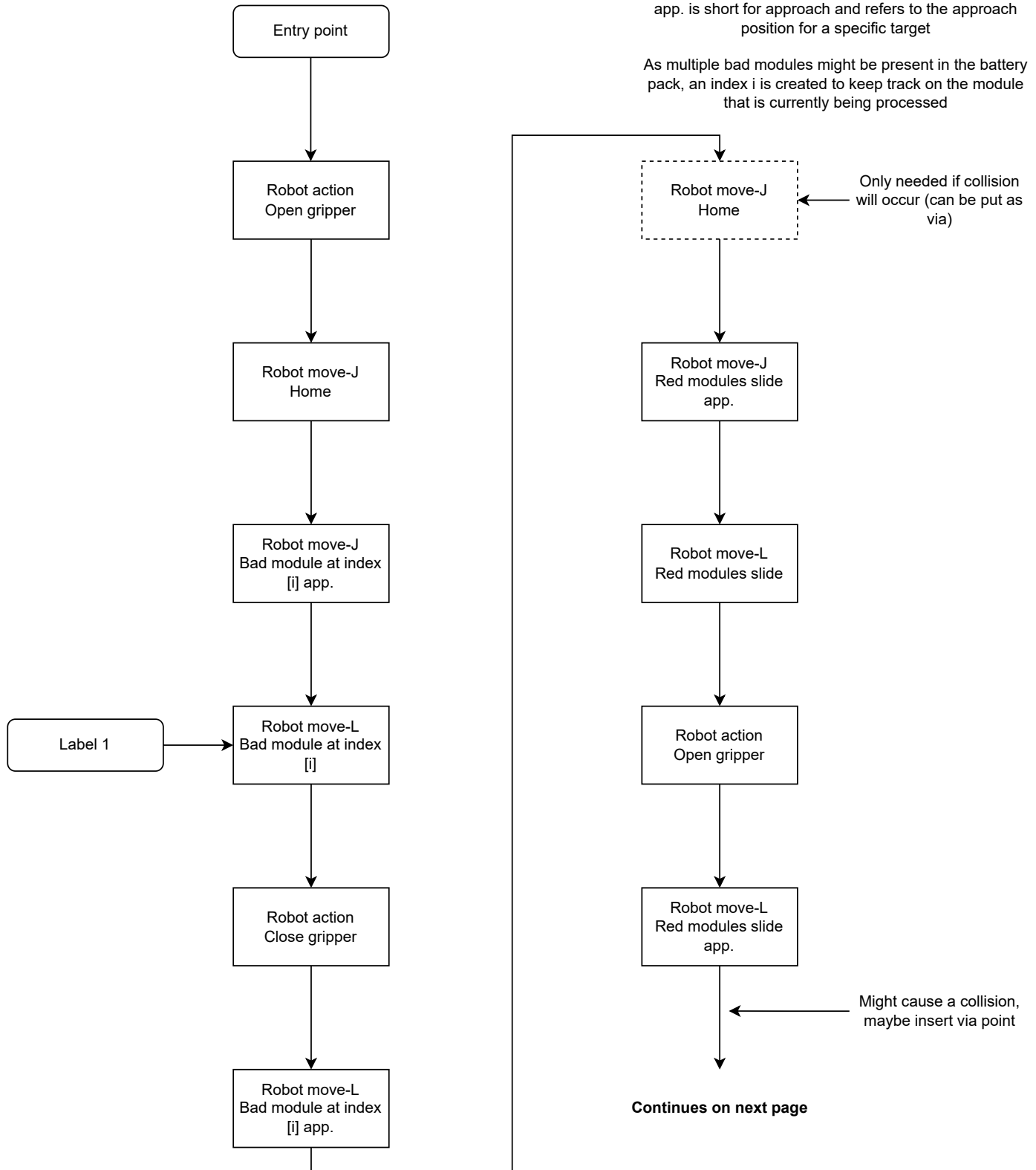
Function: Swap bad modules

move-J represents a joint move of the TCP

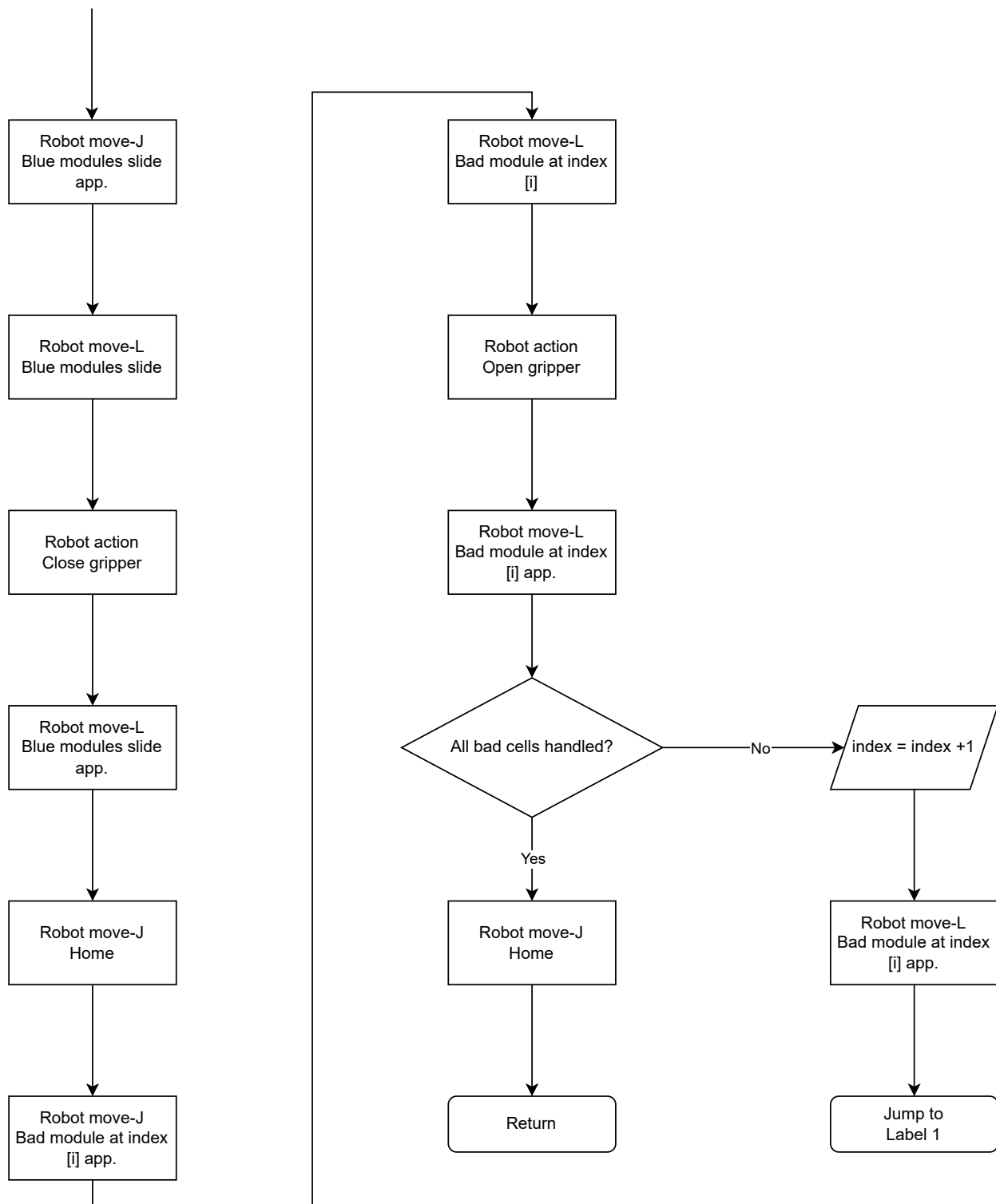
move-L represents a linear move of the TCP

app. is short for approach and refers to the approach position for a specific target

As multiple bad modules might be present in the battery pack, an index i is created to keep track on the module that is currently being processed



Extension from previous page



Robotic recycling cell flow chart

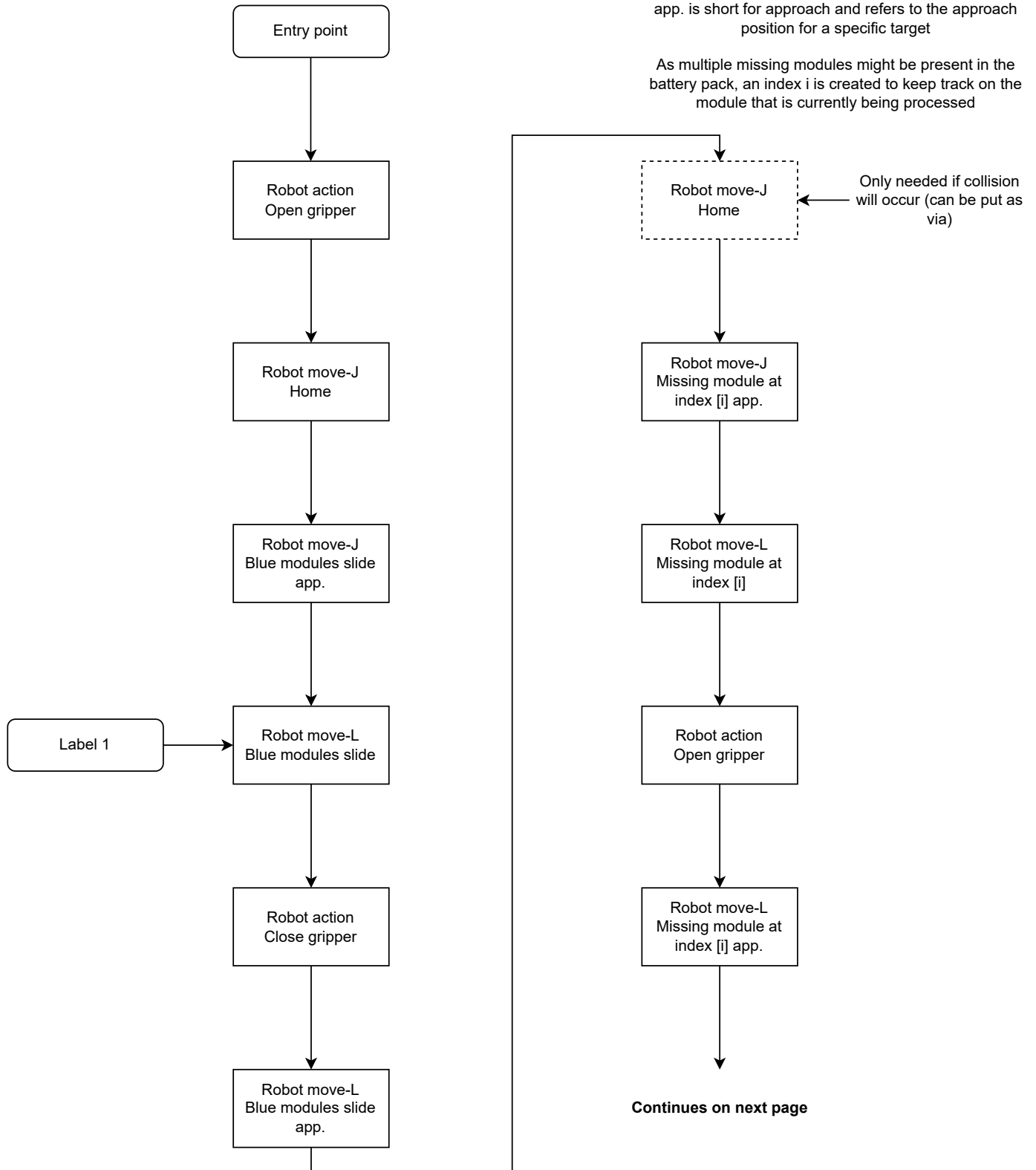
Function: Place missing modules

move-J represents a joint move of the TCP

move-L represents a linear move of the TCP

app. is short for approach and refers to the approach position for a specific target

As multiple missing modules might be present in the battery pack, an index i is created to keep track on the module that is currently being processed



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