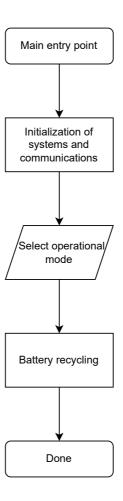
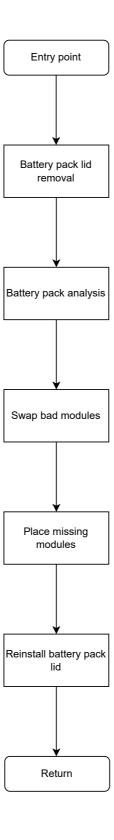
# Robotic recycling cell high level flow chart

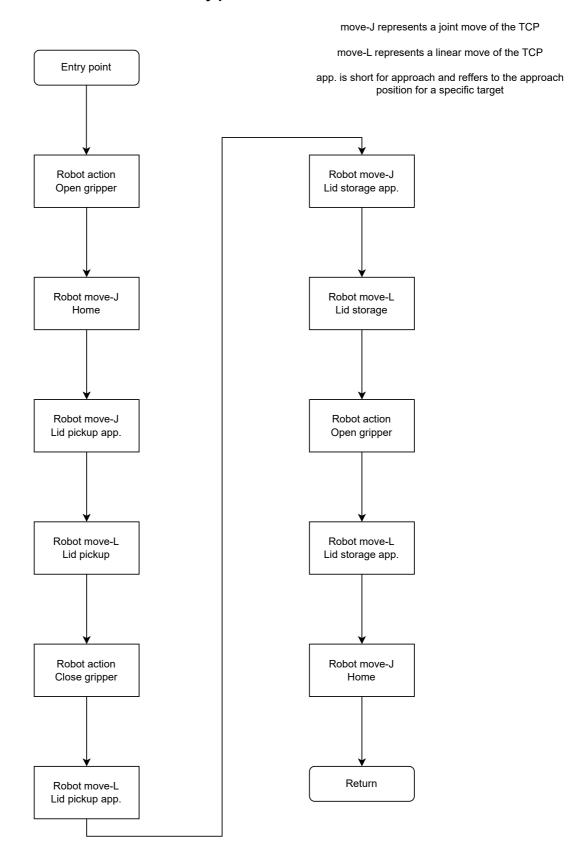
#### Main entry point



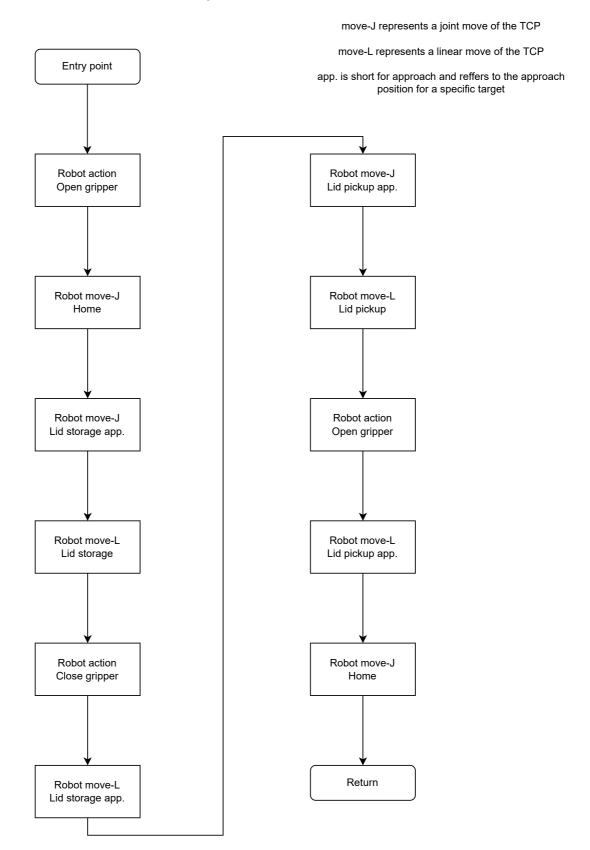
**Function: Battery recycling** 



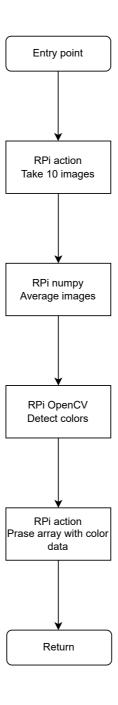
Function: Battery pack lid removal



Function: Battery pack lid retrieval



Function: Battery pack analysis



**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 Entry point 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 Only needed if collision Robot action Robot move-J will occur (can be put as Open gripper Home via) Robot move-J Robot move-J Home Lid pickup Robot move-J Robot action bad module at index Open gripper [i] app. Robot move-L Robot move-L bad module at index Lid pickup app. [i] Robot action Robot move-J Close gripper Home Robot move-L Return bad module at index [i] app.