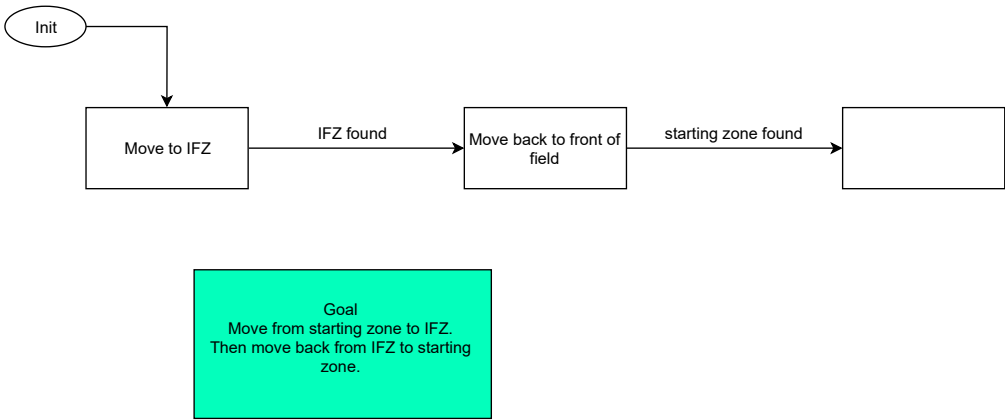
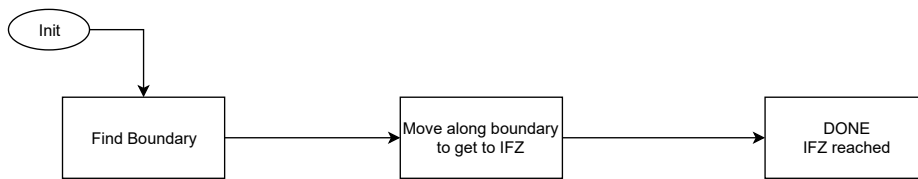


Problem 4a HSM (1st level)

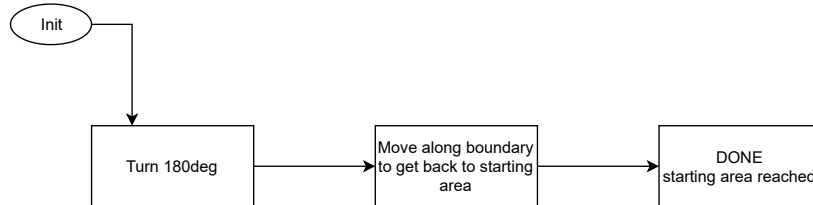
*collision refers to bump sensors being triggered



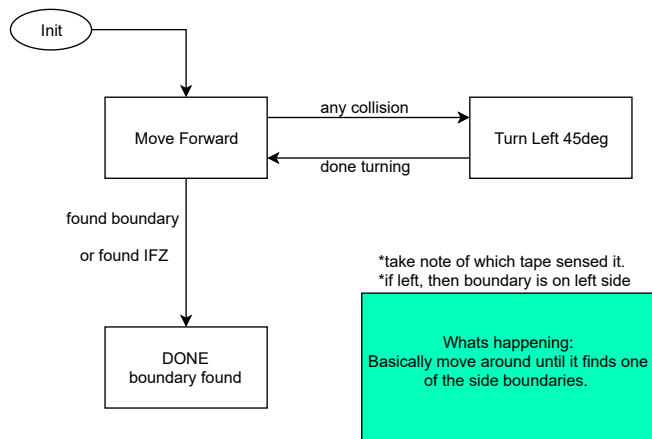
Move to IFZ HSM (2nd level)



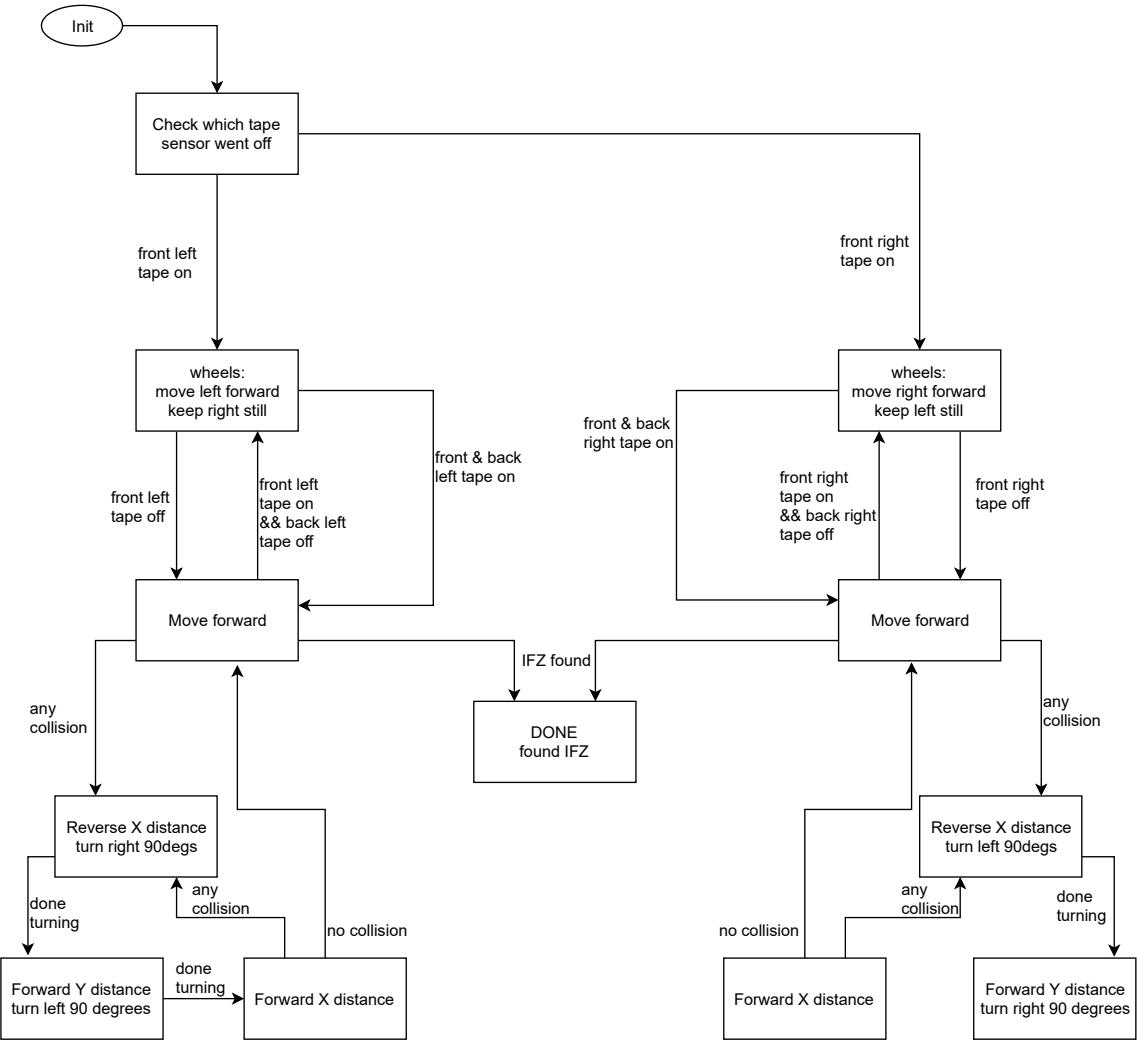
Move back to front (2rd level)



Find Boundary HSM (3rd level)



Move along boundary to IFZ (3rd level) *on means tape detector detects the tape



What is happening:
The droid will align itself parallel to one of the side boundary tapes. This is to orient the the droid for easier maneuvering the field. Then it will hug it and go straight until it reaches IFZ or hits an obstacle. If IFZ found, then done. IF obstacle, move around it using 90deg to keep orientation.

Move along boundary to starting area (3rd level)

*either the left or right tape sensors should be tripped still

