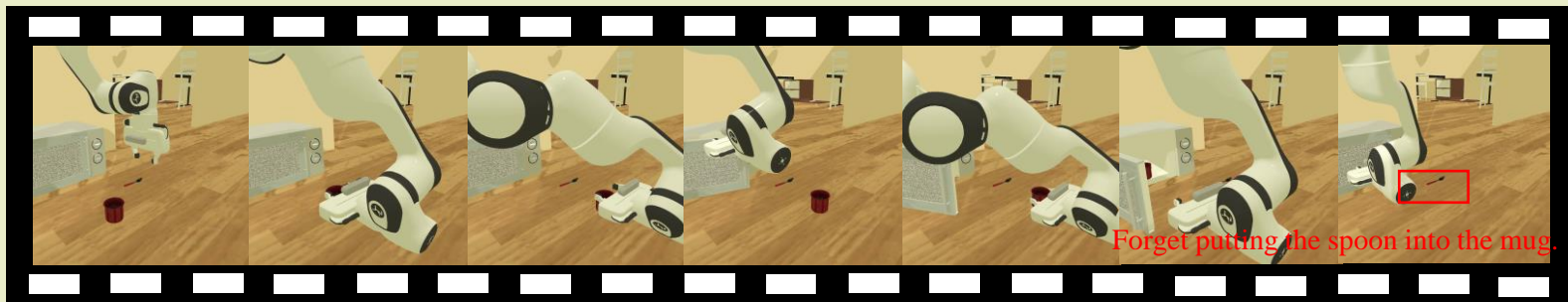


Task: Put the spoon on the table into the mug. Open the door of microwave, put the mug into the microwave and close the door.



RoboFAC-7B

<Failure Explanation>

The task failed because the robot arm omitted the crucial step of placing the spoon into the mug before moving the mug to the microwave. This omission resulted in an incomplete action, as the spoon was not in the mug when it was placed in the microwave, leading to an incorrect execution of the intended task.

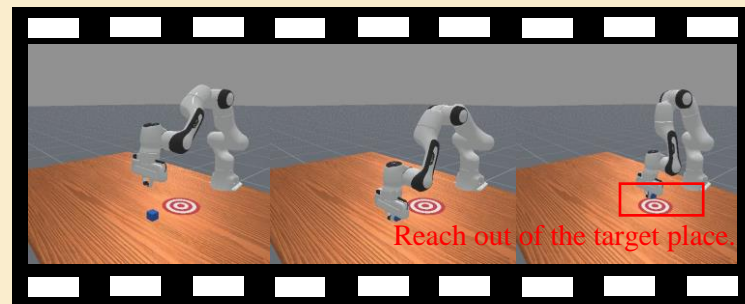


GPT-4o

<Failure Explanation>

The robotic arm failed to securely grasp the red cup during the execution of the task. Although the gripper approached the cup and attempted to close around it, the grasp was not firm enough to lift the cup successfully. This resulted in the cup being left behind on the ground while the robotic arm proceeded with subsequent steps of the task. The failure likely occurred due to insufficient alignment between the gripper and the cup or inadequate gripping force applied by the robotic arm.

Task: Pull the cube to the red and white target.



RoboFAC-7B

<Failure Detection>

Q: Please assess if the robotic arm has successfully accomplished the task.
A: No.



GPT-4o

<Failure Detection>

Q: Please assess if the robotic arm has successfully accomplished the task.
A: Yes.