FBM 1: Object Perception

Team name: _____

Referee I: _____, **Referee II:** _____

Date and time: _____

Notes:

- Start and end time are based on the referee stop watch.

- Timeout is checked when the robot cannot detect the object within specified test duration.

- GT is the ground truth which is the information provided by the referee box.

- Objects identifier:

    - A1=black mug, A2=white mug, A3=coffee mug, A4=mug
    - B1=fork, B2=knife
    - C1=yellow box, C2=pink box
    - D1=gold frame, D2=black frame

Run 1 Duration: _____   ☐ Timeout

Object Detection

GT	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2
Robot	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Pose

GT	x	y	θ	Robot	x	y	θ

Comments: _____
_____

Run 2 Duration: _____   ☐ Timeout

Object Detection

GT	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2
Robot	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Pose

GT	x	y	θ	Robot	x	y	θ

Comments: _____
_____

Run 3 Duration: _____   ☐ Timeout

Object Detection

GT	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2
Robot	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Pose

GT	x	y	θ	Robot	x	y	θ

Comments: _____

_____

Run 4 Duration: _____   ☐ Timeout

Object Detection

GT	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2
Robot	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Pose

GT	x	y	θ	Robot	x	y	θ

Comments: _____

_____

Run 5 Duration: _____   ☐ Timeout

Object Detection

GT	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2
Robot	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Pose

GT	x	y	θ	Robot	x	y	θ

Comments: _____

_____

Run 6 Duration: _____   ☐ Timeout

Object Detection

GT	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Robot	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Pose

GT	x	y	θ	Robot	x	y	θ

Comments: _____

_____

Run 7 Duration: _____   ☐ Timeout

Object Detection

GT	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Robot	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Pose

GT	x	y	θ	Robot	x	y	θ

Comments: _____

_____

Run 8 Duration: _____   ☐ Timeout

Object Detection

GT	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Robot	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Pose

GT	x	y	θ	Robot	x	y	θ

Comments: _____

_____

Run 9 Duration: _____   ☐ Timeout

Object Detection

GT	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Robot	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Pose

GT	x	y	θ	Robot	x	y	θ

Comments: _____

_____

Run 10 Duration: _____   ☐ Timeout

Object Detection

GT	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Robot	A				B		C		D	
	1	2	3	4	1	2	1	2	1	2

Pose

GT	x	y	θ	Robot	x	y	θ

Comments: _____

_____

Benchmarking data delivered appropriately: ☐ yes / ☐ no

Team leader signature: _____

Referee signature: _____