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 Start Time: _____, End Time: _____, ☐ 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 estimation

GT	x	y	z	Robot	x	y	z

Comments: _____

_____

Run 2 Start Time: _____, End Time: _____, ☐ 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 estimation

GT	x	y	z	Robot	x	y	z

Comments: _____

_____

Run 3 Start Time: _____, End Time: _____, □ 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 estimation

GT	x	y	z	Robot	x	y	z

Comments: _____

_____

Run 4 Start Time: _____, End Time: _____, □ 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 estimation

GT	x	y	z	Robot	x	y	z

Comments: _____

_____

Run 5 Start Time: _____, End Time: _____, □ 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 estimation

GT	x	y	z	Robot	x	y	z

Comments: _____

_____

Run 6 Start Time: _____, End Time: _____, □ 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 estimation

GT	x	y	z	Robot	x	y	z

Comments: _____

_____

Run 7 Start Time: _____, End Time: _____, □ 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 estimation

GT	x	y	z	Robot	x	y	z

Comments: _____

_____

Run 8 Start Time: _____, End Time: _____, □ 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 estimation

GT	x	y	z	Robot	x	y	z

Comments: _____

_____

Run 9 Start Time: _____, End Time: _____, ☐ 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 estimation

GT	x	y	z	Robot	x	y	z

Comments: _____

_____

Run 10 Start Time: _____, End Time: _____, ☐ 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 estimation

GT	x	y	z	Robot	x	y	z

Comments: _____

_____

Benchmarking data delivered appropriately: ☐ yes / ☐ no

Team leader signature: _____

Referee signature: _____