

Group Minutes					
<b>Attendees:</b> Marc-Andre Arsenault (MAA) Alexane Lahaie (AL) Mathieu Carroll (MC) Joshua O'Reilly (JO)		<b>Absent:</b>		<b>Date &amp; Time:</b> 2019-09-04	<b>Venue:</b> CBY C08
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault			<b>Chairperson:</b> Who is organising the meeting? Marc-Andre Arsenault		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1	Group Contract	Finish typing contract	MC	1 Day	No
2	Picture	Take picture while being well dressed (2019-09-08)	All	1 Day	No
3	Literature Review - Existing Solution	Research existing solutions	All	1 Week	No
4	Literature Review - Standards, Code & Rules Review	Research standards, code and rules	All	1 Week	No
5	Literature Review - Relevant Sub-Systems	Research relevant sub-systems	All	1 Week	No
<b>Next meeting</b> <b>Chairperson:</b> Marc-Andre Arsenault		<b>Minute taker:</b> Marc-Andre Arsenault		<b>Date &amp; Time:</b> 2019-09-08	<b>Venue:</b> CBY C08

Minutes	
The remaining sections of the literature review will be completed after the first week of research.	
Previous Friday lab attendance	Previous lecture attendance
N/A	N/A

Group Minutes					
<b>Attendees:</b> Joshua O'Reilly Alexane Lahaie Mathieu Carroll Marc-Andre Arsenault		<b>Absent:</b> None		<b>Date &amp; Time:</b> 2019-09-09	<b>Venue:</b> CRX-040
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault			<b>Chairperson:</b> Who is organising the meeting? Alexane Lahaie		
	Task What has to be done?	Action What action is required to get it done?	Who Who is responsible?	Duration How long will it take to complete?	Status Has the task been completed?
1	Research	- Pneumatic System and Actuators (Available solutions) - Hydraulic system equipments and drawings - Foot design - More legs design - Human interactions standards - More joint water protection (rubber bellows)	all		not complete
2	Writing	see attached file red name is the task owner	red name next to subject		not complete
3	Dress nice	Take Picture	all		complete
4	Draft Report Review	The report must be substantially complete for friday for revision with Prof. Send email to prof to confirm.	all		not complete
5					
<b>Next meeting</b> <b>Chairperson:</b> Alexane Lahaie		<b>Minute taker:</b> Marc-Andre Arsenault		<b>Date &amp; Time:</b> 2019-09-11	<b>Venue:</b> CBY B02

## Minutes

A word document saved on the team's shared drive was created to separate the report by sections and tasks, and assigned ownership.

A picture was taken.

Multiple questions were asked to the teacher, the answers are in red in the report draft document

Adding references to zotero has changed, must be saved locally before uploading to overleaf.

### Previous Friday lab attendance

All

### Previous lecture attendance

All

Group Minutes					
<b>Attendees:</b> Marc-Andre Arsenault Mathieu Carroll Alexane Lahaie Joshua O'Reilly		<b>Absent:</b> N/A		<b>Date &amp; Time:</b> 2019-09-16	<b>Venue:</b> CRX 030
<b>Minute taker:</b> Who is filling out this form? Mathieu Carroll			<b>Chairperson:</b> Who is organising the meeting? Alexane Lahaie		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1	Identify Requirement Identify Constraints Identify Criteria	Identify - completed during the meeting	All	1h	Complete
2	Brainstorming Session	Brainstorm in team during the lab session	All	1h	Complete
3	Meeting tuesday (tomorrow)	Complete self-brainstorming session by designng different systems	All	5h	Incomplete
4	Meeting Professor Friday	Substantially complete design comparison	All	20h	Incomplete
5					
<b>Next meeting</b> <b>Chairperson:</b> Joshua O'Reilly		<b>Minute taker:</b> Mathieu Carroll		<b>Date &amp; Time:</b> 2019-09-18	<b>Venue:</b> CBY-C08

## Minutes

Discussion with prof. E. Lanteigne to confirm the following:

- Designing three complete solution is an option for the comparative analysis
- Reviewed Requirements, Constraints, Criteria
- Reviewed no continuous joint constraint and bellow mounting possibilities
- Discussed salt damages

Meeting will be held on Tuesday at 1pm to brainstorm, each member is required to come prepared with drawings

Meeting will be held on Friday to show drawings to prof

### Previous Friday lab attendance

All

### Previous lecture attendance

All

Group Minutes					
<b>Attendees:</b> Marc-Andre Arsenault Alexane Lahaie Mathieu Carroll Joshua O'Reilly		<b>Absent:</b> N/A		<b>Date &amp; Time:</b> 2019-09-23	<b>Venue:</b> CBY-C011
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault			<b>Chairperson:</b> Who is organising the meeting? Joshua O'Reilly		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1	Concept Drawings	Complete Drawings Complete Annotation Complete	All	5h	Incomplete
2	Decision Analysis	Weighing of every category	All	15 min	Complete
3	Review Drawing	Review all drawing and give comment and recommended change	All	30 min	Complete
4	Separate task	Separate all remaining task	All	15 min	Complete
5	Complete given task		All	Variable	Incomplete
<b>Next meeting</b> <b>Chairperson:</b> Marc-Andre Arsenault		<b>Minute taker:</b> Marc-Andre Arsenault		<b>Date &amp; Time:</b> 2019-09-30	<b>Venue:</b> CBY-C011

## Minutes

Weighing:  
Power Consumption will be determined by counting the number of total motors  
Operating time is not required and was removed as it is partially included in solar panel and power consumption  
Every criteria to be explained in the discussion  
All criteria's were reviewed and approved by the team  
Scoring was completed by the team during the meeting  
Solar panel weighing and scoring was completed by the team during the meeting

To Do List:  
All:  
Write report explanation

Marc-Andre Arsenault:  
L bracket drawing  
Bearing on connecting rod  
Rajouter des trous pour bellows  
Annotation  
3D Components

Alexane Lahaie:  
Explanation, Discussion  
Decision analysis criteria and weight explanation and discussion  
Joshua O'Reilly:  
Add component to design concept drawing  
U-Bracket - L Bracket Design cut view  
Electronic Cost  
Battery Selection and Cost  
Mathieu Carroll:  
Slap in place solar panel's design and drawings  
Annotation  
Clamp for case design

### Previous Friday lab attendance

All

### Previous lecture attendance

All



Group Minutes					
Attendees:		Absent:		Date & Time:	Venue:
Minute taker: Who is filling out this form?			Chairperson: Who is organising the meeting?		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1					
2					
3					
4					
5					
Next meeting Chairperson:		Minute taker:		Date & Time:	Venue:

Minutes	
Previous Friday lab attendance	Previous lecture attendance

Group Minutes					
<b>Attendees:</b> Marc-Andre Arsenault Mathieu Carroll Joshua O'Reilly Alexane Lahaie		<b>Absent:</b> N/A		<b>Date &amp; Time:</b> 2019-09-30	<b>Venue:</b> CBY-C011
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault			<b>Chairperson:</b> Who is organising the meeting? Marc-Andre Arsenault		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1	Discuss work completed	discuss	All	15min	yes
2	Complete work	Complete work as described by the work separation list in word doc	All	5h	no
3					
4					
5					
<b>Next meeting</b> <b>Chairperson:</b> Joshua O'Reilly		<b>Minute taker:</b> Marc-Andre Arsenault		<b>Date &amp; Time:</b> 2019-10-07	<b>Venue:</b> CBY-C011

Minutes	
<p>Marc-Andre Arsenault:  Discussed equation  Discussed graph  No feedback provided  Mathieu Carroll:  Created multiple FBDs' to simplify drawings  Assumption Neglige les poids desjambes  Feedback provided  Others work were changed and modified during the meeting</p> <p>List of what to do:  1. See word doc</p>	
<p><b>Previous Friday lab attendance</b></p> <p>All</p>	<p><b>Previous lecture attendance</b></p> <p>All</p>

Group Minutes					
<b>Attendees:</b> Marc-Andre Arsenault Joshua O'Reilly Mathieu Carroll Alexane Lahaie		<b>Absent:</b> N/A		<b>Date &amp; Time:</b> 2019-10-07	<b>Venue:</b> CBY-C02
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault			<b>Chairperson:</b> Who is organising the meeting? Marc-Andre Arsenault		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1	Add drawings to word doc	Complete drawing and add them to the word doc	All	30 min	Complete
2	Review Word doc	Review word doc	All	1h	Complete
3	Discuss what's left to do	Discuss what's left to do	All	1h	Complete
4	Review report guidelines	Review and fix report guidelines	All	15min	Complete
5	Complete task list	All have to complete the task list in word doc	All	5 h	Incomplete
<b>Next meeting</b> <b>Chairperson:</b> Marc-Andre Arsenault		<b>Minute taker:</b> Marc-Andre Arsenault		<b>Date &amp; Time:</b> 2019-10-14	<b>Venue:</b> CBY-C02

## Minutes

Everyone's task was distributed and noted in the word doc, these finalization are to be completed for wednesday

**Previous Friday lab attendance**

All

**Previous lecture attendance**

All

Group Minutes					
<b>Attendees:</b> Marc-Andre Arsenault Joshua O'Reilly Alexane Lahaie Mathieu Carroll		<b>Absent:</b> N/A		<b>Date &amp; Time:</b> 2019-10-21	<b>Venue:</b> CBY-C02
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault			<b>Chairperson:</b> Who is organising the meeting? Alexane Lahaie		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1	Update Discussion	Everyone to discuss what they did and where they are at with their task	All	30min	Yes
2	Ask question to prof	Ask question to prof	All	30 min	Yes
3	Split of task	Split task depending on priorities	All	2h	Yes
4					
5					
<b>Next meeting</b> <b>Chairperson:</b> Mathieu Carroll		<b>Minute taker:</b> Marc-Andre Arsenault		<b>Date &amp; Time:</b> 2019-10-28	<b>Venue:</b> CBY-C02

## Minutes

During the meeting:

1. Discuss work accomplished since the last meeting.
2. Discuss tasks not-completed since the last meeting.
3. Review action items and tasks to be completed after the meeting

Meeting minutes content:

1. Summarize completed work
2. List previous tasks that have not been completed in the prescribed timeline
3. Specify task reassignments
4. List additional tasks completed but not listed in previous minutes
5. Specify additional out-of-class meeting attendance

**Previous Friday lab attendance**

All

**Previous lecture attendance**

All



Group Minutes					
<b>Attendees:</b> Marc-Andre Arsenault Mathieu Carroll Alexane Lahaie Joshua O'Reilly		<b>Absent:</b> N/A		<b>Date &amp; Time:</b> 2019-10-28	<b>Venue:</b> CBY-C02
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault			<b>Chairperson:</b> Who is organising the meeting? Alexane Lahaie		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1	Battery Math Parametrization	Talk to prof regarding issue and possible solution	All	15 min	Complete
2	SolidWorks	Should we start sketches in solidworks	All	15min	Complete
3	Task/Analysis Priority	Devide task and analysis, and coordinate	All	1h	Complete
4	Assigned Task	Finish assigned task	All	1 Week	Complete
5					
<b>Next meeting</b> <b>Chairperson:</b> Marc-Andre Arsenault		<b>Minute taker:</b> Marc-Andre Arsenault		<b>Date &amp; Time:</b> 2019-11-04	<b>Venue:</b> CBY-C02

Minutes	
<p>Question Prof:</p> <ol style="list-style-type: none"><li>1. Bearing details (size only)</li><li>2. Battery Usage</li><li>3. Details in Solidworks (Bellow, Gear teeth)</li></ol>	
<p><b>Previous Friday lab attendance</b></p> <p>N/A</p>	<p><b>Previous lecture attendance</b></p> <p>N/A</p>

Group Minutes					
<b>Attendees:</b> Marc-Andre Arsenault Joshua O'Reilly Alexane Lahaie Mathieu Carroll		<b>Absent:</b> N/A		<b>Date &amp; Time:</b> 2019-11-04	<b>Venue:</b> CBY-C02
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault			<b>Chairperson:</b> Who is organising the meeting? Marc-Andre Arsenault		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1	Progress report	- Discuss progress - Redistribute task	All	2h	Complete
2					
3					
4					
5					
<b>Next meeting</b> <b>Chairperson:</b> Marc-Andre Arsenault		<b>Minute taker:</b> Marc-Andre Arsenault		<b>Date &amp; Time:</b> 2019-11-11	<b>Venue:</b> CBY-C02

Minutes	
Good progress.	
Previous Friday lab attendance	Previous lecture attendance
All	All

Group Minutes					
<b>Attendees:</b> Marc-Andre Arsenault Alexane Lahaie Mathieu Carroll Joshua O'Reilly		<b>Absent:</b> N/A		<b>Date &amp; Time:</b> 2019-11-11	<b>Venue:</b> CBY-C11
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault			<b>Chairperson:</b> Who is organising the meeting? Marc-Andre Arsenault		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1	Discuss Updates	Everyone share what was done	All	1h	Yes
2	Ask question to prof	Ask question to prof	All	15 min	Yes
3	Battery weight and usage	All determine and confirm equation	All	1h	Yes
4					
5					
<b>Next meeting</b> <b>Chairperson:</b> Alexane Lahaie		<b>Minute taker:</b> Marc-Andre Arsenault		<b>Date &amp; Time:</b> 2019-11-18	<b>Venue:</b> CBY-C11

Minutes	
<p>Alexane:</p> <ul style="list-style-type: none"> <li>- Shaft analysis is complete, missing example</li> <li>- Bellows Safety Factor de 3</li> </ul> <p>Josh:</p> <ul style="list-style-type: none"> <li>- Modelling section</li> <li>- Ratio Leg</li> </ul> <p>Mathieu:</p> <ul style="list-style-type: none"> <li>- Priorite sur forces poulies,</li> <li>- Bolts and Hip Plates</li> <li>- Springs in Matlab</li> </ul> <p>Marc-Andre:</p> <ul style="list-style-type: none"> <li>- Look at solar power sun</li> <li>- Transfer limb to square area</li> <li>- Torsion</li> </ul> <p>Questions for prof:</p> <ul style="list-style-type: none"> <li>- Bolts torque: whatever is good</li> <li>- Calcul, parametrization, ordre: pas de paraetrization</li> <li>- battery: every day is independent</li> </ul>	
<p><b>Previous Friday lab attendance</b></p> <p>All</p>	<p><b>Previous lecture attendance</b></p> <p>All</p>

Group Minutes					
<b>Attendees:</b> Marc-Andre Arsenault Mathieu Carroll Joshua O'Reilly Alexane Lahaie		<b>Absent:</b> N/A		<b>Date &amp; Time:</b> 2019-11-18	<b>Venue:</b> CBY-C02
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault			<b>Chairperson:</b> Who is organising the meeting? Joshua O'Reilly		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1	Analysis Report	What is left? Redistribute Task	All	30 min	yes
2	Capstone Report	Where to start Redistribute Task	All	30 min	yes
3					
4					
5					
<b>Next meeting</b> <b>Chairperson:</b> Mathieu Carroll		<b>Minute taker:</b> Marc-Andre Arsenault		<b>Date &amp; Time:</b> 2019-11-25	<b>Venue:</b> CBY-C02

## Minutes

Prof Comments:

- Bellow clamp
- remove material in bellow holder

The report was read beginning to end together to correct mistake and identify missing information

Questions were answered by the prof

The remaining task were distributed

**Previous Friday lab attendance**

**Previous lecture attendance**



Group Minutes					
<b>Attendees:</b> Marc-Andre Arsenault Mathieu Carroll Alexane Lahaie Joshua O'Reilly		<b>Absent:</b> N/A		<b>Date &amp; Time:</b> 2019-11-25	<b>Venue:</b> CBY-C02
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault			<b>Chairperson:</b> Who is organising the meeting? Marc-Andre Arsenault		
	<b>Task</b> What has to be done?	<b>Action</b> What action is required to get it done?	<b>Who</b> Who is responsible?	<b>Duration</b> How long will it take to complete?	<b>Status</b> Has the task been completed?
1	Harmonic Drive and Flange Collar	Review and resolve, ask prof Use the parametrized HD and create new adaptor	All	30 min	Yes
2	Spring	Ask prof	All	30 min	Yes
3	Bushin/Hip plate, length	Decide parametrization	All	15 min	Yes
4					
5	Next Steps	Discuss next step and schedule	All	30 min	Yes
<b>Next meeting</b> <b>Chairperson:</b> Marc-Andre Arsenault		<b>Minute taker:</b> Marc-Andre Arsenault		<b>Date &amp; Time:</b> 2019-12-02	<b>Venue:</b> CBY-C02

Minutes	
<p>Ask prof:</p> <ol style="list-style-type: none"> <li>1. Harmonic Drive/hubs</li> </ol> <p>Use custom parts,</p> <ol style="list-style-type: none"> <li>2. Torsion Spring (Pulley Spacer)</li> </ol> <p>Besoin d'un spacey/pulley type</p> <ol style="list-style-type: none"> <li>3. SW directory path:</li> </ol> <p>No exper, reccomend to trial before hand</p> <ol style="list-style-type: none"> <li>4. SW parametrized and non parametrized in the submission file</li> </ol> <p>N'ouvre pas le SW non parametrize</p> <p>Meeting Tuesday Morning</p>	
<p><b>Previous Friday lab attendance</b></p> <p>All</p>	<p><b>Previous lecture attendance</b></p> <p>All</p>

Team/Partner Minutes			
<b>Attendees:</b> Joshua O'Reilly Team Waterfront 2 B	<b>Absent:</b> Alexane Lahaie Mathieu Carroll Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-09-04	<b>Venue:</b> CBY B02
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault		<b>Chairperson:</b> Who is organising the meeting? Joshua O'Reilly	
<b>Minutes</b>			
<p>- Joshua met with Team Waterfront 2 B to obtain contact information</p> <p>- Patrick Richer (Prof) confirmed team meetings are held on mondays and wednesdays during the laboratory period as their are no team contract with meeting obligations. Presence are taken during laboratories which will reflect attendance to Waterfront team meetings</p>			
<b>Next meeting</b> Chairperson: Joshua O'Reilly	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-09-08	<b>Venue:</b> CBY C011

Team/Partner Minutes			
<b>Attendees:</b> WR-2A WR-2B WR-3A	<b>Absent:</b>	<b>Date &amp; Time:</b> 2019-09-11	<b>Venue:</b> CBY B02
<b>Minute taker:</b> Marc-Andre Arsenault <small>Who is filling out this form?</small>		<b>Chairperson:</b> Abel Jacob <small>Who is organising the meeting?</small>	
<b>Minutes</b>			
<ul style="list-style-type: none"> <li>- Use the facebook group for team communication</li> <li>- Added the team lead of WR-3A so that she can add the remainder of her team members.</li> <li>- Power requirements : solar</li> <li>- Concepts will be discussed in the following meeting</li> <li>- All meetings are on the Wednesday lab</li> </ul>			
<b>Next meeting</b> <b>Chairperson:</b> Abel Jacob	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-09-18	<b>Venue:</b> CBY B02

Team/Partner Minutes			
<b>Attendees:</b> WR-2A WR-2B WR-3A	<b>Absent:</b> N/A	<b>Date &amp; Time:</b> 2019-09-18	<b>Venue:</b> CBY-B02
<b>Minute taker:</b> Marc-Andre Arsenault <small>Who is filling out this form?</small>		<b>Chairperson:</b> Abel Jacob <small>Who is organising the meeting?</small>	
<b>Minutes</b>			
Designs: - Most likely a robotic arm mounted top or side plate  Litter: - Mounting on top of the body - Sensors for litter and wiring required for locomotion teams - Sensors basic dimensions required for locomotion teams - Probably height parametrization for litter size, not wide - Hatch door type for litter compartement - Tank will be exposed for easy removal of trash from human Arm: - Litter picker from a relative frontal position - Reach and weight required for locomotion teams  Locomotion: - Wide body - Small height (close to the ground)			
<b>Next meeting</b> <b>Chairperson:</b> Alexane Lahaie	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-09-25	<b>Venue:</b> CBY-B02

Team/Partner Minutes			
<b>Attendees:</b> WR2A WR2B WR3A	<b>Absent:</b> None	<b>Date &amp; Time:</b> 2019-09-25	<b>Venue:</b> CBY B02
<b>Minute taker:</b> Marc-Andre Arsenault Who is filling out this form?		<b>Chairperson:</b> Alexane Lahaie Who is organising the meeting?	
<b>Minutes</b>			
1. Show Concepts  WR2B: Bin with lid Arm mounted on top (flat surface) Lid and arm mounted separately Agreement : WR2B to built their own mount and groove mechanism, will be bolted to the case of WR2A and WR3A for easy integration.  WR2A: Showed concept - no issues determined by WR2B so far  WR3A: Showed concept - no issues determined by WR2B so far  2. Concept properties Weight: Not known Location: top surface (parrallel to the ground), the bin is located behind the arm Size: Not known for arm, 10x20x25 cm for the bin			
<b>Next meeting</b> <b>Chairperson:</b> Ahmed Taimah	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-10-02	<b>Venue:</b> CBY-B02

Team/Partner Minutes			
<b>Attendees:</b> WR2A WR2B WR3A	<b>Absent:</b>	<b>Date &amp; Time:</b> 2019-10-02	<b>Venue:</b> CBY B02
<b>Minute taker:</b> Marc-Andre Arsenault <small>Who is filling out this form?</small>		<b>Chairperson:</b> Ahmed Taimah <small>Who is organising the meeting?</small>	
Minutes			
Important Updates:  WR2A : Confirmed None  WR2B : Dimension changed : 20x25x10 (cm), max height from the ground to top of chassis 20 cm  WR3A : Confirmed None			
<b>Next meeting</b> <b>Chairperson:</b> Abel Jacob	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-10-09	<b>Venue:</b> CBY B02

Team/Partner Minutes			
<b>Attendees:</b> WR2A WR2B WR3A	<b>Absent:</b> N/A	<b>Date &amp; Time:</b> 2019-10-09	<b>Venue:</b> CBY-B02
<b>Minute taker:</b> Marc-Andre Arsenault <small>Who is filling out this form?</small>		<b>Chairperson:</b> Abel Jacob <small>Who is organising the meeting?</small>	
<b>Minutes</b>			
WR2B: Increase litter tank size 30x35x15(H) cm Confirmed robot arm mounting 6x6 cm Weight: 5.4 kg for arm, and litter tank bin :1 kg - 2kg, garbage weight : max is 5kg Power analysis not complete (Need current drawn) Arm reach 39 cm below its mounting point WR2A: Nothing to say WR3A: Nothing to say			
<b>Next meeting</b> <b>Chairperson:</b> Mathieu Carroll	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-10-23	<b>Venue:</b> CBY-B02



Team/Partner Minutes			
<b>Attendees:</b> WR2A WR2B WR3A	<b>Absent:</b>	<b>Date &amp; Time:</b> 2019-10-23	<b>Venue:</b> CBY-B02
<b>Minute taker:</b> Marc-Andre Arsenault <small>Who is filling out this form?</small>		<b>Chairperson:</b> Mathieu Carroll <small>Who is organising the meeting?</small>	
<b>Minutes</b>			
WR2A:  WR2B: Litter box parametrization: 30 x 35 x15 Relation to be shared, most likely a ratio of height Arm Length Change: 10 cm + 10 cm = 20 cm total Same maximum reach End Effector: 15 cm Vertical : 10 cm Moving: 10 cm + 10 cm Arms Power Consumption(Preliminary): 0.003 HP x 4 (motors), Voltage 12 DC, 0.1 Amps (on full load) x 4 (motors) Might use two more motor Hinge motors: <a href="https://hobbyking.com/en_us/power-hd-lw-20mg-servo.html">https://hobbyking.com/en_us/power-hd-lw-20mg-servo.html</a> End effector motor: 0.4 Amp (most likely) Maximum 8 motors total total Worm gear so none backdriveable WR3A:			
<b>Next meeting</b> <b>Chairperson:</b> Eleni Sabourin	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-10-30	<b>Venue:</b> CBY-B02

Team/Partner Minutes			
<b>Attendees:</b> WR-2A WR-2B WR-3A	<b>Absent:</b> N/A	<b>Date &amp; Time:</b> 2019-10-30	<b>Venue:</b> CBY-C011
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault		<b>Chairperson:</b> Who is organising the meeting? Eleni Sabourin	
<b>Minutes</b>			
WR-2B: - No change  WR-2A: - Mounting Box size: 5 cm distance between arm and litter - Mounting Arm size: 10cm x 10cm  WR- 3A - No chane			
<b>Next meeting</b> <b>Chairperson:</b> Abel Jacob	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-11-06	<b>Venue:</b> CBY-B02

Team/Partner Minutes			
<b>Attendees:</b> WR2A WR2B WR3A	<b>Absent:</b>	<b>Date &amp; Time:</b> 2019-11-06	<b>Venue:</b> CBY-C011
<b>Minute taker:</b> Marc-Andre Arsenault <small>Who is filling out this form?</small>		<b>Chairperson:</b> Abel Jacob <small>Who is organising the meeting?</small>	
<b>Minutes</b>			
WR2A: no change WR2B: Nothing Change, no power calculation, not backdriveable WR3A: no change			
<b>Next meeting</b> <b>Chairperson:</b> Marc-Andre Arsenault	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-11-13	<b>Venue:</b> CBY-C011

Team/Partner Minutes			
<b>Attendees:</b> WR-2A WR-2B WR-3A	<b>Absent:</b> None	<b>Date &amp; Time:</b> 2019-11-13	<b>Venue:</b> CBY-C02
<b>Minute taker:</b> Who is filling out this form? Marc-Andre Arsenault		<b>Chairperson:</b> Who is organising the meeting? Marc-Andre Arsenault	
<b>Minutes</b>			
No Change No Question Nothing to discuss  Meeting complete			
<b>Next meeting</b> <b>Chairperson:</b> Marc-Andre Arsenault	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-11-20	<b>Venue:</b> CBY-C02

Team/Partner Minutes			
<b>Attendees:</b> WR2A WR2B WR3A	<b>Absent:</b> N/A	<b>Date &amp; Time:</b> 2019-11-20	<b>Venue:</b> CBY-C02
<b>Minute taker:</b> Marc-Andre Arsenault <small>Who is filling out this form?</small>		<b>Chairperson:</b> Marc-Andre Arsenault <small>Who is organising the meeting?</small>	
<b>Minutes</b>			
WR2B: - Everything stay the same - To provide the parametrizatio for the chassis holding mount - Min 25 x 20 x 10 , L X W X H  Other comment: Poster will be completed as a team. Poster December 4th TBD.			
<b>Next meeting</b> <b>Chairperson:</b> Galadrielle Michaud	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-11-27	<b>Venue:</b> CBY-C02

Team/Partner Minutes			
<b>Attendees:</b> WR2A WR2B WR3A	<b>Absent:</b> Kareem	<b>Date &amp; Time:</b> 2019-11-27	<b>Venue:</b> CBY-C02
<b>Minute taker:</b> Marc-Andre Arsenault <small>Who is filling out this form?</small>		<b>Chairperson:</b> Galadrielle <small>Who is organising the meeting?</small>	
<b>Minutes</b>			
<p>Next Wednesday schedule is not a monday schedule</p> <p>WR3A: questions were answered on the FB group chat</p> <p>Changes from WR2B:            Maximum height off the ground: 20 cm off the ground            WR2A and WR3A must allow space for clip system and mounting plate            Minimum limb length 10 cm, 10 cm, 5 cm            End effector is 30 cm length</p> <p>Poster Day is Friday at 2:01pm            Arm cad due date Tuesday</p>			
<b>Next meeting</b> <b>Chairperson:</b> Abel Jacob	<b>Minute taker:</b> Marc-Andre Arsenault	<b>Date &amp; Time:</b> 2019-12-04	<b>Venue:</b> CBY-C02