What's the date? For example: 12/12/23	**What's your name?**	**What have you done? (Please in detail)**	**What time did you start? (Red includes EMC bonus)**	**What time did you finish? (Red includes EMC bonus)**
9/9/2023	ENTIRE TEAM	KICK OFF: 13:00 - 13.30 | Run-up & Team Social 13:30 - 14.00 | Opening 14:00 - 15:00 | Master class Round 1 15:30 - 16:30 | Master class Round 2 16:30 - 17:15 | Dinner 17:15 - 18:00 | Announcements 18:00 - 18:30 | Worldwide kickoff CENTERSTAGE - Game Reveal 18:30 - 19:15 | Field Reveal - Q&A 19:30 | Doors Closed	12:30	20:30
10/9/2023	Mohammed	Sponsor email created and sent to Autodoc.	19:35	19:50
12/9/2023	Maria and Klaus	Brainstorming about robot operation, general planning made for programmers, looking at awards and thinking about outreach.	14:45	16:15
13/9/2023	Mohammed	Created a Google spreadsheet for PWS time overview, including formulas for total and remaining hours.	15:05	15:35

19/9/2023	Mohammed, Delnia, Bobby, Aaron, Klaus	Assemble field	13:00	13:45
19/9/2023	Mohammed, Delnia, Bobby, Aaron, Reshano, Lide	Assemble field	13:45	14:45
19/9/2023	Klaus, Aaron, Delnia, Reshano	Count 1 EMC hour for pws (because 3 EMC hours in total instead of 2). They've been working on the field.	14:45	15:30
19/9/2023	Mohammed, Reshano, Delnia, Xinyi, Klaus, Lide, Aaron, Bobby	Continue working after emc (with field assembly)	16:15	16:45
19/9/2023	Mohammed, Reshano, Delnia, Xinyi, Klaus, Lide, Aaron	Continue working after emc (with field assembly)	16:45	17:15
20/9/2023	Mohammed	Sponsor email created and sent to marketing@hollyland.com for sponsorship of headsets that allow drivers to communicate during competitions.	22:30	22:45
21/9/2023	Mohammed	Collaboration with HBM arranged for tools.	10:05	10:20
21/9/2023	Mohammed	Field completed	11:00	12:30
22/9/2023	Mohammed, Lide, Bobby	Field adhesive tape fixed and tubes placed correctly	13:00	13:45

22/9/2023	Reshano	Field adhesive tape fixed and tubes placed correctly	13:30	13:45
22/9/2023	Aaron	Field adhesive tape fixed and tubes placed correctly	13:00	13:30
23/9/2023	Mohammed	Sponsor email created and sent to Constructif and Endenburg.	16:15	17:00
23/9/2023	Aaron	Searched for 3D printers that are eligible for sponsorship. Best mid-range (Pro version with double gears also available):Creality Ender 3 S1 Best for larger objects (with a budget around €300):Artillery Sidewinder X2 For a higher budget of approximately €550 to €650:Creality K1, Bambu Lab P1P	16:45	17:15
24/9/2023	Mohammed	Sponsor emails created and sent to Van Oord (area.nederland@vanoord.com) and Rotterdam The Hague Airport (contact form)	14:45	15:15
25/9/2023	Mohammed, Lide, Aaron, Xinyi, Delnia	Photograph sponsored tools and come up with a thank you post for Instagram	14:45	15:30
26/9/2023	Mohammed, Bobby, Lide	Robot building, webcam floor, field adjustment	13:00	14:45
26/9/2023	Aaron, Delnia, Klaus	Delve into webcam (emc bonus)	14:45	15:30
26/9/2023	Reshano	Follow tutorial for arm and gripper robot. (+emc bonus)	13:45	15:30
26/9/2023	Lide, Delnia, Reshano, Klaus, Mohammed, Xinyi	Continue after emc	16:15	17:15

27/9/2023	Mohammed	Sponsor emails created and sent to:info@notariskantoorbussink.nl, clarice.bannenberg@cgi.com, rliem@casio.nl	22:15	23:00
30/9/2023	Mohammed, Aaron	Further looked at potential 3D printers. Outcome:https://eu.store.bambulab.com/nl-nl/products/p1p	20:30	21:15
30/9/2023	Mohammed	Sponsorship emails sent to 3D printer vendors: marketing@bambulab.com info@123-3d.nl cs@creality.com Artillery3d@hotmail.com	23:15 (30/9/2023)	0:15 (1/10/2023)
2/10/2023	Mohammed Bobby	Robot drivetrain renovated and HBM post posted on Instagram.	09:15	11:00
2/10/2023	Lide	Robot drivetrain renovated.	10:15	11:00
2/10/2023	Mohammed, Bobby	Old field taken apart for Lituanica X	11:45	13:00
2/10/2023	Klaus	Robot driving code updated to new design	12:15	13:45
2/10/2023	Bobby	Robot gripper made	13:00	13:45
2/10/2023	Klaus	Building blocks made for autonomous use	14.30	15.30
2/10/2023	Mohammed	Update about the field posted on Instagram.	17:15	17:30
3/10/2023	Mohammed, Bobby, Delnia, Lide	Robot grab created and code started	13:00	14:45
3/10/2023	Reshano	Came up with robot arm+emc bonus	13:45	15:30
3/10/2023	Aaron	Programming + emc bonus	14:00	15:30
3/10/2023	Delnia, Klaus	Emc bonus	14:45	15:30
3/10/2023	Xinyi	Computer programming	14:00	14:45

3/10/2023	Bobby	Robot gripper and arm made	16:15	16:45
3/10/2023	Aaron, Lide, Delnia, Reshano, Xinyi, Klaus, Mohammed	Continue with gripper, autonomous and distance sensor after emc	16:15	17:15
4/10/2023	Mohammed	Created and sent sponsorship emails for PLA filament to: info@plasticz.nl info@3dfilamentshop.nl	21:15	21:45
6/10/2023	Mohammed	Worked on Engineering Notebook: Cover page, table of contents, introduction. The rest of the topics have now been supplemented with information from last year's Engineering Portfolio, and will therefore continue to be adjusted.	21:00	22:00
6/10/2023	Mohammed	Reminder emails sent to companies that have not responded. (Casio, Constructif, 123-3D)	23:00	23:30
9/10/2023	Mohammed, Bobby	Robolab cleaned up and robot arm and gripper mounted on the robot.	09:15	11:00
9/10/2023	Klaus, Xinyi	Improved autonomous	10:15	11:00
9/10/2023	Mohammed, Bobby, Xinyi	Robot arm and gripper mounted on robot	11:45	13:00
9/10/2023	Mohammed, Lide, Xinyi	Finished the first version of the robot.	14:30	15:30
9/10/2023	Klaus	Finished the first version of the robot. Includes bug fixes for autonomous	14:15	15:30

10/10/2023	Bobby	Reinforcement beam attached to robot, box made for Lithuania, box for Lithuania packed and taped shut. Extra motor was added to the arm.	13:00 + 16:15	14:45 + 16:30
10/10/2023	Lide	Reinforcement beam attached to robot, box made for Lithuania, box for Lithuania packed and taped shut.	13:00 + 14:30 + 16:15	14:00 + 14:45 + 17:15
10/10/2023	Mohammed	Reinforcement beam attached to robot, box made for Lithuania, box for Lithuania packed and taped shut. Driver hub bug fixed.	13:00 + 16:15	14:45 + 17:15
10/10/2023	Aaron	Code for arm, gripper and wrist created and tested.	13:00 + 14:30 + 16:15	14:00 + 15:30 + 17:15
10/10/2023	Klaus	Code for arm, gripper and wrist created and tested.	14:30 + 16:15	15:30 + 17:15
10/10/2023	Delnia	Code for arm, gripper and wrist created and tested.	13:00 + 16:15	15:30 + 17:15
10/10/2023	Xinyi	First version of airplane shooter made.	13:00 + 16:15	14:45 + 17:15
10/10/2023	Reshano	Reinforcement beam attached to robot, box made for Lithuania, box for Lithuania packed and taped shut.	13:45 + 16:15	15:30 + 17:15
18/10/2023	Delnia	Start autonomous text in Engineering Notebook and sponsor email written.	19:30	21:30
18/10/2023	Reshano	Start Engineering Process text in the Engineering Notebook.	21:00	21:30

18/10/2023	Aaron	The Autonomous and Engineering part of the Engineering Notebook and sponsorship email Delnia improved.	21:00 + 22:00	21:30 + 22:15
18/10/2023	Mohammed	Supporting the team with various tasks, such as writing a sponsorship email and correctly documenting thought processes in the Engineering Notebook.	21:00	22:30
20/10/2023	Xinyi	Start programming + outreach text in the Engineering Notebook.	00:00	00:30
20/10/2023	Mohammed	Checked and corrected spelling and grammar of all texts written so far in the Engineering Notebook.	13:15 + 19:00	13:30 + 20:00
20/10/2023	Bobby	Text written about the robot's drivetrain.	18:30	19:45
20/10/2023	Aaron	Text written for outreach (website). All texts written at that point were reviewed and, if necessary, textually corrected.	19:45 + 21:30	20:45 + 22:15
20/10/2023	Klaus	Text about the modes in driver control.	20:15	20:30
21/10/2023	Lide	Written text for outreach about the workshop at primary school ‘De Contrabas’ (race and tower building).	15:00	16:00
22/10/2023	Bobby	Text written about the construction of the robot's arm and gripper.	15:30	17:00
22/10/2023	Aaron	Text for Hardware and Outreach textually improved.	16:45	17:30
23/10/2033	Lide, Bobby, Mohammed, Delnia, Reshano, Xinyi, Aaron	Flyers discussed.	10:00	11:00

23/10/2023	Xinyi	Descriptions of robotics for flyer written about Lego League, Robot in a Week & Rookie Challenge.	21:00	22:30
23/10/2023	Klaus	Descriptions of robotics for flyer written about Cansat.	22:15	22:45
23/10/2023	Reshano	Descriptions of robotics for flyer written about robotics profile paper.	22:45	23:15
23/10/2023	Delnia	Descriptions of robotics for flyer written about First Tech Challenge 4th - 5th grade.	22:30	23:00
23/10/2023	Aaron	All descriptions checked for spelling and corrected where necessary.	22:00	23:00
23/10/2023	Mohammed	Supported all team members and exchanged ideas for creating the flyer.	22:00	23:00
24/10/2023	ENTIRE TEAM	Endenburg sponsor visit.	13:45	16:15
23/10/2023 + 24/10/2023	Maria	Flyer front and back design created	22:00	00:00
24/10/2023	Entire team	Endenburg preparations	12:30	13:45
24/10/2023	Bobby	Field prepared for open day.	16:15	16:30
24/10/2023	Mohammed, Xinyi, Maria, Lide, Reshano, Delnia, Aaron, Klaus	Open day preparations	16:15	17:30
24/10/2023	Aaron	Photos of Endenburg uploaded to Google Drive and best photos chosen.	23:15	23:30
24/10/2023	Xinyi	slideshow for open day	21:00	21:30

25/10/2023	Xinyi, Bobby, Reshano, Delnia, Aaron, Lide	preparation for open day + working on an article for the school newspaper	10:00	11:00
25/10/2023	Klaus	Open day	12:30	17:00
25/10/2023	Mohammed, Lide, Bobby, Reshano, Xinyi, Delnia, Maria, Aaron	Open day	12:30	18:15
26/10/2023	Xinyi	Robotics article written for the school newspaper.	13:00 + 16:45 + 18:30	13:45 + 17:45 + 23:00
26/10/2023	Aaron	Robotics article written and textually improved for the school newspaper.	20:00	23:00
26/10/2023	Delnia	Helped with a robotics article for the school newspaper.	22:00	23:00
26/10/2023	Mohammed	Robotics article for the school newspaper made contextually correct. (The article now fits better in the school newspaper)	22:00	23:00
27/10/2023	Xinyi, Mohammed	Half field assembled, B41 cleaned up and stuff prepared for start-up meeting.	10:00 + 15:30	11:00 + 16:15
28/10/2023	ENTIRE TEAM	Start-up meeting (including travel time): - Communicated with other teams about paper airplanes. - Worked on the Engineering Notebook. - Worked on the robot.	9:00	17:00

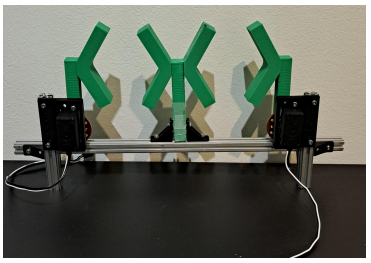
30/10/2023	Maria	Designing the new team hoodies	21:00	23:00
31/10/2023	Lide, Mohammed, Reshano, Klaus	Working on the robot, changing the sprocket from arm to chains.	13:45 + 16:15	15:30 + 17:30
31/10/2023	Bobby	Working on the robot, changing the sprocket from arm to chains.	13:45 + 16:15	15:30 + 16:30
31/10/2023	Xinyi	3D printing of drone launcher	13:45 + 16:15	14:45 + 17:30
31/10/2023	Aaron	3D printing of drone launcher	13:45	15:30
6/11/2023	Mohammed, Bobby	Motherboard 3D printing started, robot gripper repaired and improved, arm improved.	9:15 + 11:45	11:00 + 13:00
6/11/2023	Mohammed, Lide	Picked up the motherboard 3D print and improved the robot's wrist.	14:30 + 16:15	15:30 + 17:15

7/11/2023	Mohammed	4 useful CAD files found on yeggi.com and added to the drive, including: - pulley_cover, can be useful for our upcoming lift system where pulleys are used. - Hanging hook, can be used to hang the robot duringend game. - DriverHubCase, can protect our driver hub against fall and impact damage. - DriverHubCableOrganizer, useful for keeping the 2 controllers apart during matches. Also useful to ensure that the cables do not come out of the driver hub during the match.	20:30	21:00
11/11/2023 + 12/11/2023	Mohammed	3D design gripper almost completely made. Only holes left for screws.	20:45 + 00:00	00:00 + 00:45
14/11/2023	Mohammed	Between 10:30 and 17:15: - Remove the arm from now on (unscrew 4 nuts and it can slide off) - remove control and expansion hub (unscrew 8 nuts) - Remove the battery holder and switch (unscrew 4 nuts) - Place the motherboard (green box) at the center back of the robot - Mount control and expansion hub and battery holder and switch to motherboard create an elevator system	10:30 + 19:00	17:15 + 19:30

		Between 7:00 PM and 7:30 PM: Google spreadsheet for PWS hours adjusted for clearer display of totals and remaining hours. Learned how condition formulas from Excel and Google Sheets work and created the following formula: =IFS(A148>=80; "Has achieved 80 PWS hours and has already spent " & (A148-80) & " additional hours!"; A148<80; "Has not yet achieved 80 PWS hours and still needs to " & (80 -A148) & " hours.")		
14/11/2023	Lide	- Remove the arm from now on (unscrew 4 nuts and it can slide off) - remove control and expansion hub (unscrew 8 nuts) - Remove the battery holder and switch (unscrew 4 nuts) -Place the motherboard (Green box) at the center back of the robot -control and expansion hub and battery holder and switch mounted on motherboard create an elevator system	10:30 + 15:00	13:30 + 17:15
14/11/2023	Reshano	- Remove the arm from now on (unscrew 4 nuts and it can slide off) - remove control and expansion hub (unscrew 8 nuts) - Remove the battery holder and switch (unscrew 4 nuts) -Place the motherboard (Green box) at the center back of the robot -control and expansion hub and battery holder and switch mounted on motherboard create an elevator system	11:15	13:00

14/11/2023	Bobby	- Remove the arm from now on (unscrew 4 nuts and it can slide off) - remove control and expansion hub (unscrew 8 nuts) - Remove the battery holder and switch (unscrew 4 nuts) -Place the motherboard (Green box) at the center back of the robot -control and expansion hub and battery holder and switch mounted on motherboard create an elevator system	10:30	16:15
14/11/2023	Klaus	- Remove the arm from now on (unscrew 4 nuts and it can slide off) - remove control and expansion hub (unscrew 8 nuts) - Remove the battery holder and switch (unscrew 4 nuts) -Place the motherboard (Green box) at the center back of the robot -control and expansion hub and battery holder and switch mounted on motherboard create an elevator system	12:45	16:45
14/11/2023	Xinyi	- Remove the arm from now on (unscrew 4 nuts and it can slide off) - remove control and expansion hub (unscrew 8 nuts) - Remove the battery holder and switch (unscrew 4 nuts) -Place the motherboard (Green box) at the center back of the robot -control and expansion hub and battery holder and switch mounted on motherboard create an elevator system	15:00	16:45

15/11/2023	Mohammed	Thought about autonomous tactics, gripper and spool printed, arm design further elaborated.	12:00	16:45
15/11/2023	Klaus	Thought about autonomous tactics, gripper and spool printed, arm design further elaborated.	12:45	16:45
15/11/2023	Lide	Thought about autonomous tactics, gripper and spool printed, arm design further elaborated.	12:30	15:45
16/11/2023	Mohammed	Constructif and 123Inkt emailed again for sponsorship with a different format.	00:00	00:30
16/11/2023	Mohammed	Gripper design assembled with servos, motor for arm attached to robot	12:00 + 14:30 + 15:30	13:45 + 14:45 + 16:30
16/11/2023	Lide	Gripper design assembled with servos, motor for arm attached to robot	13:45	16:30
16/11/2023	Klaus	Gripper design assembled with servos, motor for arm attached to robot	12:30	15:30
16/11/2023	Xinyi	Worked on the website	12:00	13:45
17/11/2023	Mohammed, Bobby, Lide	Plans made for 180° arm design.	13:00	13:45
17/11/2023	Mohammed	Continued work on the new gripper design in Onshape.	15:45	17:15
17/11/2023	Lide	Helped with the new gripper design.	16:15	17:15

18/11/2023	Mohammed	Gripper assembled at home. 	16:00	20:45
20/11/2023	Mohammed	Arm mounted on robot and gear system devised and created.	09:15 + 11:45 + 14:30 + 16:15	11:00 + 13:45 + 15:30 + 17:00
20/11/2023	Lide	Arm mounted on robot and gear system devised and created.	09:15 + 12:30 + 14:30 + 16:15	11:00 + 13:45 + 15:30 + 17:00
20/11/2023	Bobby	Arm mounted on robot and gear system devised and created.	09:15 + 11:45 + 16:15	11:00 + 13:45 + 16:30
20/11/2023	Klaus	Code prepared for robot gripper, arm and lift.	14:30	15:30
21/11/2023	Xinyi, Aaron, Delnia, Bobby, Lide, Mohammed	Preparation for visit to Stanislas.	13:00	14:45
21/11/2023	Xinyi, Maria, Klaus, Lide, Mohammed	Visit to Stanislas.	15:30	21:00
21/11/2023	Reshano	Building the robot/preparation Stanislas.	13:45	14:45
21/11/2023	Bobby	Worked on Engineering Notebook (additional piece about the drivetrain and arm + gripper)	14:45 + 19:00	15:30 + 20:00

21/11/2023	Delnia	Worked on the website + came up with a layout.	22:30	23:15
24/11/2023	Mohammed	Pulley system made to elevator.	15:30	16:15
26/11/2023	Mohammed	Afternoon: Planning made for week 48 based on availability of all team members. See:https://docs.google.com/spreadsheets/d/1Jbuy_E3bYzs5TFflrflQYjE__Uxp-5cf_3F-CM114kA/edit?usp=drivesdk In: https://docs.google.com/spreadsheets/d/1ozDKquUs5Yk94ga3XV2v9ePIxh2cDYfOtxXBxYmivvA/edit?usp=drivesdk Evening: Drone Launcher 3D design made in onshape.	12:30 + 18:15	14:15 + 22:30
27/11/2023	Mohammed	Various tasks including: building the robot, printing 3D designs, helping with code.	9:15 + 12:30 + 14:45	11:00 + 13:45 + 16:45
27/11/2023	Lide	Building the robot	10:00 + 11:45 + 14:45 + 16:15	11:00 + 13:45 + 15:30 + 16:45
27/11/2023	Bobby	Building the robot	9:15 + 12:30 + 14:30	11:00 + 13:45 + 14:45
27/11/2023	Reshano	Building the robot	10:15 + 12:30 + 14:30	11:00 + 13:00 + 14:45

27/11/2023	Aaron	Code prepared for autonomous and brackets designed.	10:15 + 11:45 + 14:45	11:00 + 13:45 + 15:30
27/11/2023	Xinyi	Code prepared for autonomous and brackets designed.	9:15 + 12:30 + 14:45	11:00 + 13:45 + 15:30
27/11/2023	Klaus	Code prepared for autonomous and brackets designed.	13:45 + 16:15	15:30 + 16:45
27/11/2023	Delnia	Code prepared for autonomous and brackets designed.	10:15 + 11:45	11:00 + 15:30
28/11/2023	Klaus	Worked on autonomous.	11:00	11:45
28/11/2023	Mohammed	Field built in B21, robot arm remounted	12:30 + 16:15	15:30 + 17:30
28/11/2023	Lide	Field built in B21, robot arm remounted	12:45 + 16:15	15:30 + 17:30
28/11/2023	Bobby	Field built in B21, robot arm remounted	12:30	15:30
28/11/2023	Reshano	Field built in B21, robot arm remounted	13:45 + 16:15	15:30 + 17:30
28/11/2023	Klaus	Servo for the wrist improved, still needs to be physically adjusted. Field set up, distance sensor mounted.	15:30	17:30
28/11/2023	Xinyi	Drone launcher assembled with elastic, field built in B41	12:30 + 16:15	14:45 + 17:30
28/11/2023	Delnia	B21 set up (tables and chairs moved aside), field set up and help with drone launcher	12:45 + 16:15	15:30 + 17:30
28/11/2023	Aaron	Supported with the above tasks	12:45 + 16:15	15:30 + 17:30

29/11/2023	Mohammed	Completing the robot and practicing on the full field.	12:30 + 14:30 + 15:30	13:00 + 14:45 + 17:15
29/11/2023	Lide	Completing the robot and practicing on the full field.	10:15 + 11:45 + 14:30	11:00 + 13:00 + 17:15
29/11/2023	Bobby	Completing the robot	10:15 + 12:30 + 14:30	11:00 + 13:00 + 16:30
29/11/2023	Reshano	Completing the robot	10:15 + 12:30 + 14:30	11:00 + 13:00 + 17:15
29/11/2023	Klaus	Code for robot control improved.	9.45 + 11.15 + 12.30 + 14.30	11.00 + 11.45 + 13.45 + 17.15
29/11/2023	Xinyi	License plate cad (for IF we need it)	10:00 + 14:30	11:00 + 16:30
29/11/2023	Delnia	License plate cad (for IF we need it)	10:15 + 11:45 + 14:30	11:00 + 13:00 + 17:00
29/11/2023	Aaron	License plate cad (for IF we need it)	10:15 + 14:30	13:00 + 17:15
30/11/2023	Mohammed	Drivetrain improved by securing wheels differently.	10:00 + 11:00 + 12:30 + 15:30	10:15 + 11:45 + 13:45 + 17:00

30/11/2023	Lide	Drivetrain improved by securing wheels differently.	11:00 + 15:30	11:45 + 17:15
30/11/2023	Bobby	Drivetrain improved by securing wheels differently.	9:15 + 12:30 + 15:30	10:15 + 13:45 + 16:15
30/11/2023	Reshano	Drivetrain improved by securing wheels differently.	13:00 + 15:30	13:45 + 17:15
30/11/2023	Klaus	Controls for driving and arm/servos adapted to the needs of drivers and tested autonomous.	9:30 + 12:30 + 14:45	10:15 + 13:45 + 17:15
30/11/2023	Xinyi	Helped team M-Mais, worked on the website, started 3D design for webcam mount, tested autonomous.	11:00 + 12.30 + 15:30	11:45 + 13.45 + 17:15
30/11/2023	Delnia	Worked on the website, started on 3D design for webcam mount, tested autonomous.	11:00 + 15:30	11:45 + 17:15
30/11/2023	Aaron	Worked on the website, started on 3D design for webcam mount, tested autonomous.	11:00 + 15:30	11:45 + 17:00
1/12/2023	Mohammed	Final adjustments to the robot, removed the entire field from B21 and set up half a field in B41, mounted the Drone Launcher on the robot, collected items for LM1 and loaded it into Geest's car.	10:00 + 12:30	11:45 + 18:45
1/12/2023	Lide	Final adjustments to the robot, removed the entire field from B21 and set up half a field in B41, collected items for LM1 and loaded it into Geest's car.	12:45 + 16:15	14:45 + 18:45

1/12/2023	Bobby	Final adjustments to the robot, removed the entire field from B21 and set up half the field in B41	10:00 + 12:30 + 14:30	11:45 + 13:45 + 16:30
1/12/2023	Reshano	Final adjustments to the robot, removed the entire field from B21 and set up half the field in B41	13:00 + 15:30	13:45 + 16:30
1/12/2023	Klaus	Final adjustments to the robot, removed the entire field from B21 and set up half a field in B41, collected items for LM1 and loaded it into Geest's car.	8:45 + 13:45 + 16:15	10:15 + 15:30 + 18:45
1/12/2023	Xinyi	Final adjustments to the robot, removed the entire field from B21 and set up half a field in B41, collected items for LM1 and loaded it into Geest's car.	10:00 + 12:30	11:45 + 18:45
1/12/2023	Aaron	Final adjustments to the robot, removed the entire field from B21 and set up half the field in B41.	13:00 + 14:00 + 16:30	13:45 + 14:45 + 17:00
3/12/2023	EVERYONE	League Meet 1 09:00 - 09:30 Team registration 09:30 - 11:00 Inspections 11:00 - 11:15 Opening 11:00 - 12:30 Robot Games 12:30 - 13:00 Lunch 13:00 - 14:45 Robot Games 15:00 - 15:15 Rankings and closing	8:30	16:30

5/12/2023	Mohammed, Lide, Xinyi, Delnia	Result LM1 Discussed.	13:00 + 15:30	14:45 + 16:30
5/12/2023	Reshano	Wheels placed under the gripper beam.	13:45 + 15:30	14:45 + 16:30
5/12/2023	Klaus	Roadrunner and android studio installed.	14:30 + 16:15	15:30 + 16:30
6/12/2023	Mohammed	France budget plan made	16:00	18:15
7/12/2023	Delnia	Worked on the website	17:30	18:00
8/12/2023	Maria, Xinyi	Purple Friday	10:15	11:00
19/12/2023	Aaron, Delnia	Worked on EN (spelling check and outreach) and presentation for LM2.	14:15 + 16:15	15:30 + 16:30
19/12/2023	Xinyi	Worked on EN (spelling check and outreach) and presentation for LM2.	14:15 + 16:15	14:45 + 16:30
19/12/2023	Klaus	Continued with android studio setup.	14:45	15:30
19/12/2023	Reshano, Lide, Bobby	Worked on robot arm.	14:15 + 16:15	15:30 + 16:30
19/12/2023	Mohammed	Worked on arm and planned Lyon and Walibi.	14:15 + 16:15	15:30 + 16:30
3/1/2024	Mohammed	Written Sponsors part of EN.	13:15	16:15
3/1/2024	Delnia	Written a part of “League Meet 1 Evaluation” of EN.	17:15	18:00
3/1/2024	Reshano	Written a part of “League Meet 1 Evaluation” of EN.	14:00 + 19:30	15:00 + 19:45

6/1/2024	Mohammed	Midnight: Written about Lituanica field donation and made some visualization changes in EN. Afternoon: Read the whole EN and fixed all spelling/grammar mistakes and helped other team members with their parts.	00:00 + 13:45 + 16:00	02:15 + 14:30 + 19:30
6/1/2024	Reshano	Finished a part of “League Meet 1 Evaluation” of EN and started with writing about the start-up meeting.	13:00 + 15:45	15:15 + 17:15
6/1/2024	Aaron	Textually corrected unchecked parts of EN and compressed certain images for importing in EN. Correctly placed images and added subtitles.	14:00	17:00
6/1/2024	Delnia	Finished my part of “League Meet 1 Evaluation” of EN and wrote about the school newspaper in the EN. Worked on the presentation and added images.	12:45 + 15:45 + 17:45	15:15 + 17:00 + 18:30
6/1/2024	Xinyi	Worked on the presentation for LM2.	15:00 + 19:30	18:00 + 20:00
6/1/2024	Klaus	Finished Tele-Op part in EN.	14:00	15:30
6/1/2024	Lide	Written about our partnership with Stanislas in EN.	19:00 + 20:15	20:00 + 20:45
7/1/2024	Mohammed	Midnight: Added pictures to Start-up and Stanislas parts in EN.	01:30	02:00
9/1/2024	Mohammed	Finished the robot with new grippers, brainstormed about a hanging mechanism.	13:00 + 16:15	14:45 + 17:30
9/1/2024	Lide	Finished the robot with new grippers, brainstormed about a hanging mechanism.	13:00 + 16:15	14:45 + 17:30

9/1/2024	Bobby	Finished the robot with new grippers, brainstormed about a hanging mechanism.	13:00	16:30
9/1/2024	Reshano	Set up the playing field.	13:00	17:30
9/1/2024	Aaron	Set up the playing field and discussed the code for the autonomous period.	13:00	17:30
9/1/2024	Klaus	Worked on getting android studio to work, set up the playing field and discussed the code for the autonomous period.	12:00	17:30
9/1/2024	Xinyi	Set up the playing field and discussed the code for the autonomous period.	13:00 + 16:15	14:45 + 17:30
9/1/2024	Delnia	Set up the playing field and worked on the presentation for the second league meet. In the evening: Continued working on the presentation by adding pictures, new pages and changing the layout.	13:00 + 20:00	17:30 + 21:00
10/1/2024	Mohammed	Checked all wheels on the robot and tightened screws where needed. Made the drone launcher more secure on the robot and tested a hanging hook with the same weight of the robot. Also helped with testing autonomous.	13:45	17:15
10/1/2024	Bobby	Checked all wheels on the robot and tightened screws where needed.	13:45	14:45
10/1/2024	Aaron	Tested autonomous	15:30	17:15
10/1/2024	Klaus	Tested autonomous	13:00 + 14:30	13:45 + 17:00
10/1/2024	Xinyi	Tested autonomous	14:45	16:45

11/1/2024	Mohammed	Mounted drone launcher and hanging hook.	11:00 + 12:30	11:45 + 14:45
11/1/2024	Lide	Repaired faulty part on the robot and helped with autonomous.	13:45	17:00
11/1/2024	Bobby	Repaired faulty parts and prepared a back-up hanging hook	13:00	14:45
11/1/2024	Aaron	Tested autonomous and introduced new code.	14:30	16:30
11/1/2024	Klaus	Tested autonomous,	12:30 + 14:30	13:45 + 17:30
11/1/2024	Delnia	Checked on autonomous In the evening: Worked on the Engineering Portfolio	14:45 + 23:15	15:15 + 00:00
12/1/2024	Mohammed	Final adjustments to the robot, removed the entire field from B21 and set up half a field in B41, collected items for LM2 and loaded it into Geest's car. Evening: Re-read everything in the Engineering Notebook, supported teammates with questions and prepared for LM2.	10:00 + 15:30 + 19:30	13:00 + 17:45 + 22:45
12/1/2024	Lide	Final adjustments to the robot, removed the entire field from B21 and set up half a field in B41, collected items for LM2 and loaded it into Geest's car.	10:00 + 16:15	11:00 + 17:45
12/1/2024	Bobby	Final adjustments to the robot and removed the entire field from B21. Evening: Made the final touches to the hardware part of the EN	10:15 + 19:30	12:30 + 21:15

12/1/2024	Reshano	Removed the field from B21 and set up half a field in B41, loaded the items for LM2 into Geest's car.	15:30 + 19:30	17:45 + 21:30
12/1/2024	Aaron	Reorganised B41 and set up half a field. Helped with autonomous code for blue alliance. Evening: Checked and completed EN and EP. Printed EP.	16:15 + 19:30	17:45 + 22:30
12/1/2024	Klaus	Tested autonomous and helped clean up B21 and loaded the items for LM2 into Geest's car.	11:00 + 13:45 + 16:00	11:45 + 15:30 + 17:45
12/1/2024	Xinyi	Tested autonomous, removed the entire field from B21 and set up half a field in B41, collected items for LM2 and loaded it into Geest's car.	15:30	17:45
12/1/2024	Delnia	Put everything from B21 back to B41, helped with the code simulator (for testing autonomous), assembled everything needed for LM2 and put it into Geest's car. In the evening: finalized the presentation, wrote a small script and helped with finishing the EP & EN. Printed EN	16:15 + 19:30	17:45 + 21:45
13/1/2024	ENTIRE TEAM	League Meet 2 09:00 - 09:30 Team registration 09:30 - 11:00 Inspections 11:00 - 11:15 Opening 11:00 - 12:30 Robot Games	8:30	16:30

		12:30 - 13:00 Lunch 13:00 - 14:45 Robot Games 15:00 - 15:15 Rankings and closing		
16/01/2024	Delnia	Cleaned up B41 and worked on Evaluation LM2 of the EN	13:15	17:00
16/01/2024	Mohammed	Cleaned up B41, got all stuff out of Geest's Car (LM2 stuff), replaced all wheels of the robot for GoBILDA wheels to test grip on field.	13:15 + 16:15	14:45 + 17:00
16/01/2024	Reshano	Picked up the stuff from Geest's car, cleaned up B41, replaced all wheels of the robot for GoBILDA wheels.	13:45	17:00
16/01/2024	Aaron	Cleaned up B41 and worked on evaluation LM2	13:15	17:00
16/01/2024	Bobby	Cleaned up B41, got all stuff out of Geest's Car (LM2 stuff), replaced all wheels of the robot for GoBILDA wheels to test grip on field.	13:15	14:45
16/01/2024	Xinyi	Cleaned up B41, got all stuff out of Geest's Car (LM2 stuff), worked on evaluation LM2	13:15 + 16:15	14:45 + 17:00
18/01/2024	Mohammed	Found a way to use color sensor as distance sensor and tested the code (It worked)	11:00	11:45
18/01/2024	Klaus	Added the color sensor to the autonomous code.	15:00	15:45
22/01/2024	Xinyi	Worked on evaluation LM2	12:00	12:30
22/01/2024	Aaron	Further improved LM2 software evaluation.	15:15	15:45
22/01/2024	Mohammed	Wrist renovation. (changed servo for motor and added	09:15 +	13:00 +

		a pulley belt)	13:45	15:30
22/01/2024	Bobby	Wrist renovation. (changed servo for motor and added a pulley belt)	9:15	13:45
22/01/2024	Lide	Helping with wrist renovation hard/software.	13:45	15:30
23/01/2024	Aaron	Start preparations PWS presentations	13:00	17:30
23/01/2024	Delnia	Start preparations PWS presentation	13:00	17:30
23/01/2024	Mohammed	Strengthened the extrusions that hold the arm, to make them less crook. Discussed PWS presentation and made an outline.	13:00 + 16:15	14:45 + 17:30
23/01/2024	Xinyi	Start preparations PWS presentation	13:00 + 16:15	14:45 + 17:00
23/01/2024	Bobby	Strengthened the extrusions that hold the arm, to make them less crook. Discussed PWS presentation and made an outline.	13:00	14:45
23/01/2024	Lide	Strengthened the extrusions that hold the arm, to make them less crook. Discussed PWS presentation and made an outline.	13:45 + 16:15	14:45 + 17:30
23/01/2024	Reshano	Strengthened the extrusions that hold the arm, to make them less crook. Discussed PWS presentation and made an outline.	13:45	17:30
24/01/2024	Lide	Renovated wrist once again (changed belt in to chain)	10:15 + 14:30	11:45 + 17:30
24/01/2024	Mohammed	Renovated wrist once again (changed belt in to chain)	10:15 + 14:30	11:00 + 17:30

25/01/2024	Mohammed & Xinyi	Asked the concierge if he could print 200 flyers for the open day. Also made calculations for gripper (law of moments)	11:00	11:45
26/01/2024	Delnia & Aaron	Helped with setting up B09 for the open day	16:15	16:45
26/01/2024	Mohammed & Xinyi	Set up B9 for open day, Picked up flyers	15:30	16:45
26/01/2024	Reshano	Set up B9 for open day	15:30	16:45
27/01/2024	Delnia, Xinyi & Aaron	Organized and helped during the open day and worked on the PWS presentation. Divided the parts of the PWS and have been working on it	09:15 + 15:30 + 20:00	15:00 + 17:00 + 21:00
27/01/2024	Mohammed, Bobby, Lide, Reshano	Organized and helped during the open day.	09:15	15:00
27/01/2024	Klaus	Divided the parts of the PWS and have been working on it.	20:00	21:00
28/01/2024	Delnia	Worked on the PWS presentation	22:40	23:25
28/01/2024	Reshano	Searched for photo's and edited the powerpoint for PWS	22:30	00:00
28/01/2024 + 29/01/2024	Mohammed	Made the hardware part in the PWS powerpoint.	23:15 + 00:00	00:00 + 02:30
29/01/2024	Aaron, Delnia, Klaus & Xinyi	Came together to discuss the PWS presentation and to work on it	10:30	13:00
29/01/2024	Delnia	Wrote a small text in the EN about the Break-in. In the evening: Placed the pictures about the field in the PWS presentation and worked on the presentation.	15:00 + 18:00 + 21:00	15:15 + 20:00 + 22:15
29/01/2024	Aaron	Checked the entire EN and presentation for spelling.	19:00 +	20:00 +

			20:30	22:00
29/01/2024	Lide	Finishing hardware part in the EN and worked on PWS presentation.	13:15 + 16:00 + 21:00	14:00 + 17:00 + 21:15
29/01/2024	Xinyi	Worked on the PWS presentation.	21:30	22:00
29/01/2024	Reshano	Worked on the PWS presentation.	07:30 + 12:30 + 14:00 + 18:00 + 21:00	07:45 + 13:30 + 14:30 + 20:00 + 22:15
29/01/2024	Mohammed	Worked on the PWS presentation.	12:30 + 17:00 + 20:45	14:30 + 18:00 + 22:15
29/01/2024	Bobby	Worked on the PWS presentation and the EN	12:45 + 16:00 + 19:00	14:00 + 18:00 + 22:15