

| #Week | Task | Short Summary | John Kucarski | Done | Therese Saltsjö | Done | George Enkovic | Done | Patrick | Done | Eliot | Done | |
|-------|--------------------------|---|--|--|---|--|---|--|--|--|--|--|--|
| | | | Scenario: Activating Monobots. 1. Create Activity Diagram 2. Sequence Diagram 3. Block Diagram 4. Combined Diagram 5. System Requirements for Activating Monobots. Deadline: 20.04.21 | | Scenario: Moving On Water. 1. Create Activity Diagram 2. Sequence Diagram 3. Block Diagram 4. Combined Diagram 5. UML CASE Deadline: 20.04.21 | | 1. Create Activity Diagram 2. Sequence Diagram 3. Block Diagram 4. Combined Diagram 5. UML CASE Deadline: 20.04.2021 | | Scenario: Detecting and rescuing 1. Create Activity diagram 2. Sequence diagram 3. Block and Combined diagram Deadline: 10.04.2021, 10:00 | | Scenario: Detecting and rescuing 1. Create Activity diagram 2. Sequence diagram 3. Block and Constant diagram Deadline: 20.04.2021 | | |
| 2 | Task 1 of Prototyping | Creating a Requirements Specification, and an overall use case interface to the environment and clearing relevant constraints | Scenario: Activating Monobots. 1. Refine Create Activity Diagram 2. Refine Sequence Diagram 3. Refine Block Diagram 4. Refine Combined Diagram 5. Refine System Requirements for Activating Monobots. Deadline: 20.04.21 | 3. Refine Block Diagram and BD 5. Combined Diagram 6. Requirements for Movement Completed: 20.04.21 | Scenario: Moving On Water. Refinement of: 1. Activity Diagram 2. Sequence Diagram 3. Block Diagram 4. Combined Diagram Deadline: 20.04.21 | Refinement of: 1. Activity Diagram 2. Sequence Diagram 3. Block Diagram 4. Combined Diagram Deadline: 20.04.21 | 6. New sketch Deadline: 20.04.2021 7. Final sketch and diagram 8. Done 9. Done | 6. New sketch Deadline: 20.04.2021 7. Done 8. Done 9. Done | Scenario: Detecting and rescuing 1. Create Activity diagram 2. Sequence diagram 3. Block and Constant diagram 4. New sketch Deadline: 20.04.2021 | Scenario: Detecting and rescuing 1. Create Activity diagram 2. Sequence diagram 3. Block and Constant diagram 4. New sketch Deadline: 20.04.2021 | Inability to work after getting Corona Virus | | |
| 3 | Task 2 of Prototyping | Refine previous week's diagram and drawing a rough flow sketch. | 1. Research on different techniques to move on WATER. 2. Create Analysis of Robot 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on WATER. 2. Create Analysis of Robot 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Completed: 07.05.21 | 1. Research on different techniques to move on WATER. 2. Create Analysis of Robot 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on LAND. 2. Make sketches for specific scenarios 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on WATER. 2. Create Analysis of Robot 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on LAND. 2. Make sketches for specific scenarios 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on LAND. 2. Make sketches for specific scenarios 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on LAND. 2. Make sketches for specific scenarios 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | Inability to work after getting Corona Virus | | |
| 4 | Task 1 of Designing | Validation of project and research on different systems to move on land and water | 1. Research on different techniques to move on WATER. 2. Create Analysis of Robot 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on WATER. 2. Create Analysis of Robot 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Completed: 07.05.21 | 1. Research on different techniques to move on WATER. 2. Create Analysis of Robot 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on LAND. 2. Make sketches for specific scenarios 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on WATER. 2. Create Analysis of Robot 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on LAND. 2. Make sketches for specific scenarios 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on LAND. 2. Make sketches for specific scenarios 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | 1. Research on different techniques to move on LAND. 2. Make sketches for specific scenarios 3. Create sketch for frame 4. Create sketch for frame 5. Considerations for Constructing the Robot. Deadline: 07.05.21 | Inability to work after getting Corona Virus | | |
| 5 | Task 2 of Designing | Concept: Small worktable and sketches of different parts of the Robot. | 1. Sketch Monobots Deadline: 10.05.21 | 1. Sketch Monobots Completed: 10.05.21 | 1. Sketch Monobots Deadline: 10.05.21 | 1. Sketch the head of the robot. Deadline: 10.05.21 | 1. Sketch the head of the robot. Deadline: 10.05.21 | 1. Sketch the head of the robot. Deadline: 10.05.21 | 1. Sketch the head of the robot. Deadline: 10.05.21 | 1. Sketch the head of the robot. Deadline: 10.05.21 | 1. Sketch the head of the robot. Deadline: 10.05.21 | Inability to work after getting Corona Virus | |
| 6 | Task 3 of Designing | Creating first 3D model. | 1. Connecting parts with the body and base and full assembly of all parts. Deadline: 10.05.21, 23:00 | 1. Connecting parts with the body and base and full assembly of all parts. Completed: 10.05.21 | 1. Connecting parts with the body and base and full assembly of all parts. Deadline: 10.05.21, 23:00 | 1. Time and motion (SD) Deadline: 10.05.21, 23:00 | 1. Time and motion (SD) Deadline: 10.05.21, 23:00 | 1. Time and motion (SD) Deadline: 10.05.21, 23:00 | 1. Time and motion (SD) Deadline: 10.05.21, 23:00 | 1. Time and motion (SD) Deadline: 10.05.21, 23:00 | 1. Time and motion (SD) Deadline: 10.05.21, 23:00 | Inability to work after getting Corona Virus | |
| 7 | Task 3 of Designing | Refining the final 3D model | 1. Refine connecting parts with the body and base and full assembly of all parts. Deadline: 17.05.21, 23:00 | 1. Refine connecting parts with the body and base and full assembly of all parts. Completed: 17.05.21, 23:00 | 1. Refine connecting parts with the body and base and full assembly of all parts. Deadline: 17.05.21, 23:00 | 1. Time and motion (SD) Refinement Deadline: 17.05.21 | 1. Time and motion (SD) Refinement Deadline: 17.05.21 | 1. Time and motion (SD) Refinement Deadline: 17.05.21 | 1. Time and motion (SD) Refinement Deadline: 17.05.21 | 1. Time and motion (SD) Refinement Deadline: 17.05.21 | 1. Time and motion (SD) Refinement Deadline: 17.05.21 | Inability to work after getting Corona Virus | |
| 8 | Task 1 of Implementation | Moving the robot in a simple map with bounding walls and reach target. | 1. Programming task 1. Deadline: 20.05.21 | 1. Programming task 1. Completed: 20.05.21 | 1. Programming task 1. Deadline: 20.05.21 | 1. Programming task 1. Completed: 20.05.21 | Programming task 1, Deadline: 02.06.2021 | Programming task 1, Deadline: 02.06.2021 | Programming task 1, Deadline: 02.06.2021 | Programming task 1, Deadline: 02.06.2021 | Programming task 1, Deadline: 02.06.2021 | Inability to work after getting Corona Virus | |
| 9 | Task 2 of Implementation | In addition to task 1, moving the robot in different maps with walls within and out water, to reach target. | 1. Programming task 2. Deadline: 24.05.21 | 1. Programming task 2. Completed: 24.05.21 | 1. Programming task 2. Deadline: 24.05.21 | 1. Programming task 2. Deadline: 24.05.21 | 1. Programming task 2, Deadline: 10.06.21 | 1. Programming task 2, Deadline: 10.06.21 | 1. Programming task 2, Deadline: 10.06.21 | 1. Programming task 2, Deadline: 10.06.21 | 1. Programming task 2, Deadline: 10.06.21 | Inability to work after getting Corona Virus | |
| 10 | Task 3 of Implementation | In addition to task 1 and 2, saving the target and bringing it back to base, move around additional obstacles and calculate energy for steps. | 1. Programming task 3. Deadline: 17.05.21 | 1. Programming task 3. Completed: 20.05.21 | 1. Programming task 3. Deadline: 17.05.21 | 1. Programming task 3. Deadline: 17.05.21 | 1. Programming task 3, Deadline: 17.06.21 | 1. Programming task 3, Deadline: 17.06.21 | 1. Programming task 3, Deadline: 17.06.21 | 1. Programming task 3, Deadline: 17.06.21 | 1. Programming task 3, Deadline: 17.06.21 | Inability to work after getting Corona Virus | |
| 11 | Task 4 of Implementation | In addition to task 1, 2 and 3, destroying obstacles, saving target from water and making it handle all steps at once. | 1. Programming task 4. Deadline: 20.05.21 | 1. Programming task 4. Completed: 20.05.21 | 1. Programming task 4. Deadline: 20.05.21 | 1. Programming task 4. Deadline: 20.05.21 | 1. Programming task 4, Deadline: 20.06.21 | 1. Programming task 4, Deadline: 20.06.21 | 1. Programming task 4, Deadline: 20.06.21 | 1. Programming task 4, Deadline: 20.06.21 | 1. Programming task 4, Deadline: 20.06.21 | Inability to work after getting Corona Virus | |