

PROJECT STATUS REPORT

Project Information

Project Name	Light Following Robot
Date Of Report	04/28/2024
Projected Date of Completion	06/02/2024
Project Members	Shamoyeta Mourin Mouly Latifa Nishat Nishi Jayed Bin Alamgir Tahsina Tabassum Roza

Project Status

Overall Project Status	In Progress
Summary of Week 1	This week was marked by significant progress in refining our project proposal and procuring the necessary equipment. The introduction and methodology sections of the proposal underwent substantial revisions to enhance clarity and coherence, aligning them more closely with our project objectives. Furthermore, we successfully acquired almost all the required equipment, including the Easier Pro-development Board, 3-Pin Jumper Wires, and the Robot PVC Chassis with Wheels and Motors. However, the light sensors are yet to be procured. The total expenditure for these items was 1070 TK out of the total budget.
Summary of Week 2	During this week, we continued our progress by purchasing the light sensors needed for the project, with a total cost of 320 TK. This brings our total expenditure to 1390 TK. Additionally, we conducted thorough research to gather all the necessary information for wrapping up the Final Project Proposal. This research involved evaluating various technical approaches and ensuring our proposal is comprehensive and well-founded.
Summary of Week 3	Week 3 involved the hands-on phase of building the Light Following Robot. We began by carefully laying out and organizing all the acquired equipment (Easier Pro-development Board, 3-Pin Jumper Wires, Robot PVC Chassis with Wheels and Motors, and Light sensors). This initial inventory process revealed the need for some minor adjustments, leading to a slight increase in the total project cost. Thankfully, we had anticipated such unforeseen circumstances by incorporating a 10% contingency buffer into our initial budget. Due to unforeseen soldering expenses, the project cost did increase by an estimated 120 BDT. However, by leveraging the contingency, we were able to absorb this expense and stay within our overall budget.

	of approximately 1510 BDT. This experience underscores the importance of factoring in potential contingencies during project planning. Following the inventory, the team immediately embarked on the initial assembly of the robot, aiming to identify any potential challenges early on.
Summary of Week 4	This week marked a significant achievement. We collaboratively finalized the final project proposal. We meticulously reviewed and discussed the structure, content, and organization of the document, with a focus on enhancing its clarity and professionalism. To achieve this, we explored features in MS Word that would improve the reader's experience. For example, we implemented automatic numbering for sections and subsections to create a logical flow. Additionally, we generated a well-formatted table of contents to make the proposal easy to navigate. Furthermore, we successfully assembled the robot, and the objective fulfillment report was completed.

Project Details

Component	Status	Owner / team	Notes
Deliverable 1: Refined Project Proposal	Up to date	Latifa Nishat Nishi Jayed Bin Alamgir	Introduction and Methodology sections updated
Deliverable 2: Component Selection & Procurement	Complete	Shamoyeta Mourin Mouly Latifa Nishat Nishi Jayed Bin Alamgir Tahsina Tabassum Roza	Easier Pro-development Board, 3-Pin Jumper Wires, and the Robot PVC Chassis with Wheels and Motors acquired. Light sensors acquired this week (Week 2)
Deliverable 3: Light Sensor Selection & Procurement	Complete	Jayed Bin Alamgir	Light sensors procured (cost: 320 TK)
Deliverable 4: Final project Proposal	Up to date	Shamoyeta Mourin Mouly Latifa Nishat Nishi Jayed Bin Alamgir Tahsina Tabassum Roza	Structure, content, and organization finalized
Deliverable 5: Robot Assembly	Complete	Shamoyeta Mourin Mouly Latifa Nishat Nishi Jayed Bin Alamgir Tahsina Tabassum Roza	Robot assembled and objective fulfillment report completed

