

PROJECT 2 : Estimated Project Costs

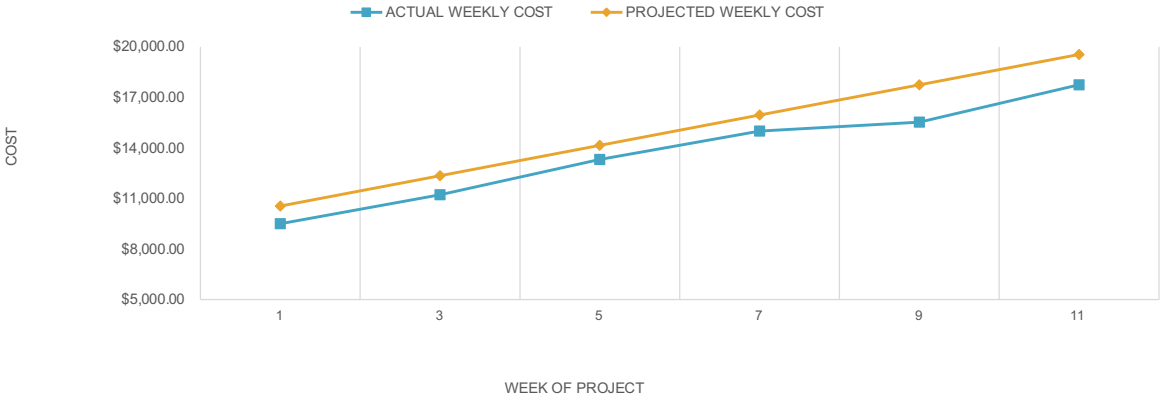
|                           | PROJECT TASKS                 | LABOR HOURS | LABOR COST (\$) | MATERIAL COST (\$) | TRAVEL COST (\$) | OTHER COST (\$) | TOTAL PER TASK |
|---------------------------|-------------------------------|-------------|-----------------|--------------------|------------------|-----------------|----------------|
| RESEARCH & CONCEPT DESIGN | Literature review             | 200.0       | \$10,000.00     | \$0.00             | \$0.00           | \$0.00          | \$10,000.00    |
|                           | Stakeholder Involvement       | 40.0        | \$4,000.00      | \$0.00             | \$0.00           | \$0.00          | \$4,000.00     |
|                           | Prototyping & Analysis        | 0.0         | \$0.00          | \$0.00             | \$0.00           | \$10,000.00     | \$10,000.00    |
|                           | Concept Design                | 160.0       | \$0.00          | \$5,000.00         | \$0.00           | \$0.00          | \$5,000.00     |
|                           | Concept Evaluation            | 80.0        | \$4,000.00      | \$0.00             | \$0.00           | \$0.00          | \$4,000.00     |
|                           | Subtotal                      | 480.0       | \$18,000.00     | \$5,000.00         | \$0.00           | \$10,000.00     | \$33,000.00    |
| SYSTEM DESIGN & ACTIVITY  | System requirements& analysis | 120.0       | \$8,400.00      | \$0.00             | \$0.00           | \$0.00          | \$8,400.00     |
|                           | Component design              | 120.0       | \$8,400.00      | \$0.00             | \$0.00           | \$0.00          | \$8,400.00     |
|                           | Algorithm development         | 160.0       | \$12,800.00     | \$0.00             | \$0.00           | \$0.00          | \$12,800.00    |
|                           | Simulation software           | 0.0         | \$0.00          | \$0.00             | \$0.00           | \$5,000.00      | \$5,000.00     |
|                           | Testing strategy development  | 80.0        | \$5,600.00      | \$0.00             | \$0.00           | \$0.00          | \$5,600.00     |
|                           | Subtotal                      | 480.0       | \$35,200.00     | \$0.00             | \$0.00           | \$5,000.00      | \$40,200.00    |
| DEVELOPMENT & TESTING     | Prototype design              | 200.0       | \$12,000.00     | \$0.00             | \$0.00           | \$0.00          | \$12,000.00    |
|                           | Prototype building            | 200.0       | \$12,000.00     | \$0.00             | \$0.00           | \$0.00          | \$12,000.00    |
|                           | Prototype testing             | 120.0       | \$7,200.00      | \$0.00             | \$0.00           | \$0.00          | \$7,200.00     |
|                           | Prototype demonstration       | 120.0       | \$7,200.00      | \$0.00             | \$0.00           | \$0.00          | \$7,200.00     |
|                           | Refinement                    | 80.0        | \$4,800.00      | \$0.00             | \$0.00           | \$0.00          | \$4,800.00     |
|                           | Subtotal                      | 720.0       | \$43,200.00     | \$0.00             | \$0.00           | \$0.00          | \$43,200.00    |
| PROJECT MANAGEMENT        | Project planning              | 80.0        | \$8,000.00      | \$0.00             | \$0.00           | \$0.00          | \$8,000.00     |
|                           | Task management               | 160.0       | \$12,800.00     | \$0.00             | \$0.00           | \$0.00          | \$12,800.00    |
|                           | Progress reporting            | 160.0       | \$12,800.00     | \$0.00             | \$0.00           | \$0.00          | \$12,800.00    |
|                           | Risk management               | 120.0       | \$0.00          | \$0.00             | \$0.00           | \$0.00          | \$0.00         |
|                           | Quality assurance             | 80.0        | \$12,000.00     | \$0.00             | \$0.00           | \$0.00          | \$12,000.00    |
|                           | Subtotal                      | 600.0       | \$53,600.00     | \$0.00             | \$0.00           | \$0.00          | \$53,600.00    |
| OTHER COST                | Other cost                    | 0.0         | \$0.00          | \$0.00             | \$0.00           | \$0.00          | \$0.00         |
|                           | Other cost                    | 0.0         | \$0.00          | \$0.00             | \$0.00           | \$0.00          | \$0.00         |
|                           | Other cost                    | 0.0         | \$0.00          | \$0.00             | \$0.00           | \$0.00          | \$0.00         |
|                           | Subtotal                      | 0.0         | \$0.00          | \$0.00             | \$0.00           | \$0.00          | \$0.00         |
| Subtotals                 |                               | 2280.0      | \$150,000.00    | \$5,000.00         | \$0.00           | \$15,000.00     | \$170,000.00   |
| Risk (Contingency)        |                               | 0.0         | \$0.00          | \$0.00             | \$0.00           | \$0.00          | \$0.00         |
| Total (Scheduled)         |                               | 2280.0      | \$150,000.00    | \$5,000.00         | \$0.00           | \$15,000.00     | \$170,000.00   |

# Actual Project Costs

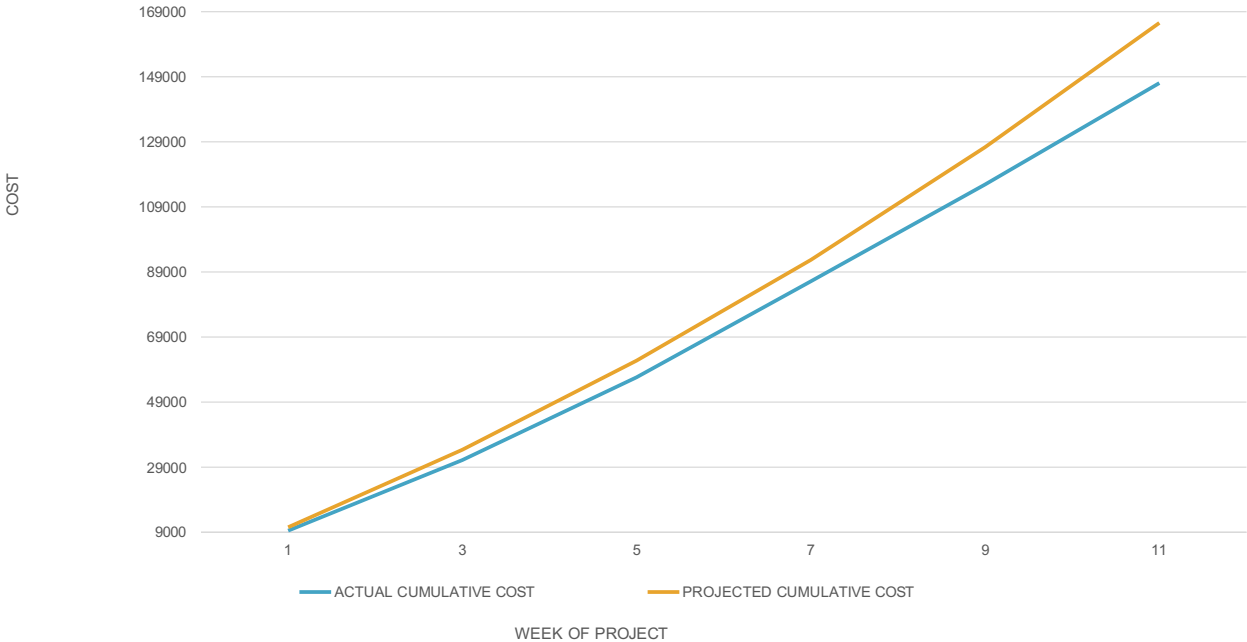
|                 | ITEM                          | COST        | DATE       | REASON FOR EXPENDITURE  |
|-----------------|-------------------------------|-------------|------------|---|
| INSTALLATION    | Literature review             | \$5,000.00  | 15-02-2024 | Necessary for gathering existing knowledge and insights relevant to the project.              |
|                 | Stakeholder Involvement       | \$2,500.00  | 2/28/2024  | Engaging stakeholders ensures alignment with project goals and requirements.                  |
|                 | Prototyping & Analysis        | \$10,000.00 | 3/15/2024  | Essential for exploring and validating design concepts before proceeding further.             |
|                 | Concept Design                | \$7,500.00  | 3/31/2024  | Developing initial design concepts based on research and stakeholder input.                   |
|                 | Concept Evaluation            | \$5,000.00  | 4/15/2024  | Evaluating conceptual designs to determine feasibility and potential improvements.            |
|                 |                               | \$0.00      |            |   |
|                 | Subtotal                      | \$30,000.00 |            |   |
| PLANNING (RFP)  | System requirements& analysis | \$7,500.00  | 2/28/2024  | Detailed analysis to define system requirements and specifications.                           |
|                 | Component design              | \$12,500.00 | 3/15/2024  | Designing individual components based on system requirements.                                 |
|                 | Algorithm development         | \$10,000.00 | 3/31/2024  | Developing algorithms necessary for system functionality.                                     |
|                 | Simulation software           | \$5,000.00  | 4/15/2024  | Procuring software tools for simulating system behavior and performance.                      |
|                 | Testing strategy development  | \$5,000.00  | 4/30/2024  | Designing comprehensive testing protocols to ensure system reliability and functionality.     |
|                 |                               | \$0.00      |            |   |
|                 | Subtotal                      | \$40,000.00 |            |   |
| PLANNING 2      | Prototype design              | \$7,500.00  | 2/28/2024  | Designing the physical prototype based on conceptual designs.                                 |
|                 | Prototype building            | \$12,500.00 | 3/15/2024  | Constructing the prototype based on the finalized design.                                     |
|                 | Prototype testing             | \$10,000.00 | 3/31/2024  | Conducting rigorous testing to validate prototype performance and functionality.              |
|                 | Prototype demonstration       | \$5,000.00  | 4/15/2024  | Demonstrating the prototype to stakeholders for feedback and validation.                      |
|                 | Refinement                    | \$5,000.00  | 4/30/2024  | Iterative refinement of the prototype based on feedback and testing results.                  |
|                 |                               | \$0.00      |            |   |
|                 | Subtotal                      | \$40,000.00 |            |   |
| CONSTRUCTION    | Project planning              | \$5,000.00  | 2/28/2024  | Developing a detailed project plan outlining tasks, milestones, and timelines.                |
|                 | Task management               | \$2,500.00  | 3/15/2024  | Implementing project management tools and systems for efficient task tracking and delegation. |
|                 | Progress reporting            | \$2,500.00  | 3/31/2024  | Reporting on project progress to stakeholders and team members.                               |
|                 | Risk management               | \$5,000.00  | 4/15/2024  | Identifying and mitigating potential risks throughout the project lifecycle.                  |
|                 | Quality assurance             | \$5,000.00  | 4/30/2024  | Implementing quality assurance processes to ensure project deliverables meet standards.       |
|                 |                               | \$0.00      |            |   |
|                 | Subtotal                      | \$20,000.00 |            |   |
| TEST & DELIVERY | Provide device training       | \$2,500.00  | 2/28/2024  | Training users on how to effectively use the developed device.                                |
|                 | Enter data into database      | \$2,500.00  | 3/15/2024  | Organizing collected data into a structured database for analysis.                            |
|                 | Manage data security          | \$3,000.00  | 3/31/2024  | Implementing security measures to protect sensitive project data.                             |
|                 | Cost-benefit analysis         | \$1,000.00  | 4/15/2024  | Analyzing the costs and benefits of the project to assess its overall value.                  |
|                 | Interpret results             | \$5,000.00  | 4/30/2024  | Analyzing collected data to draw conclusions and insights.                                    |
|                 | Finalize report               | \$6,000.00  | 4/30/2024  | Completing the project report summarizing findings, conclusions, and recommendations.         |
|                 | Subtotal                      | \$20,000.00 |            |   |
| PROJECT TOTAL   |                               | #####       |            | 150000  |
|                 |                               | 150000      |            |   |

# Projected vs. Actual Costs Diagram

MONTHLY COST



CUMULATIVE COST



# Project Data Worksheet

| WEEK | PROJECTED WEEKLY COST | ACTUAL WEEKLY COST | PROJECTED CUMULATIVE COST | ACTUAL CUMULATIVE COST |
|------|-----------------------|--------------------|---------------------------|------------------------|
| 1    | \$10,550.00           | \$9,500.00         | \$10,550.00               | \$9,500.00             |
| 2    | \$11,450.00           | \$10,500.00        | \$22,000.00               | \$20,000.00            |
| 3    | \$12,350.00           | \$11,220.00        | \$34,350.00               | \$31,220.00            |
| 4    | \$13,250.00           | \$12,100.00        | \$47,600.00               | \$43,320.00            |
| 5    | \$14,150.00           | \$13,320.00        | \$61,750.00               | \$56,640.00            |
| 6    | \$15,050.00           | \$14,500.00        | \$76,800.00               | \$71,140.00            |
| 7    | \$15,950.00           | \$15,000.00        | \$92,750.00               | \$86,140.00            |
| 8    | \$16,850.00           | \$14,240.00        | \$109,600.00              | \$100,380.00           |
| 9    | \$17,750.00           | \$15,530.00        | \$127,350.00              | \$115,910.00           |
| 10   | \$18,650.00           | \$13,400.00        | \$146,000.00              | \$129,310.00           |
| 11   | \$19,550.00           | \$17,750.00        | \$165,550.00              | \$147,060.00           |
| 12   | \$4,450.00            | \$2,940.00         | \$170,000.00              | \$150,000.00           |