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Methodology

Resource Requirement and Cost Breakdown

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item# | Resource Requirement | Type | Amount | Cost |
| 1. | Raspberry -pi | PI2 Model B | 1 | $35 |
| 2. | USB Webcam | Normal USB | 1 | $14 |
| 3. | H-bridge IC |  | 1 |  |
| 4. | RC-Toy car | Radio wave | 4 | $20 |
| 5. | Ultra sonic sensor |  | 2 |  |
| 6. | power supply | AC-DC | 1 |  |
| 7. | Microcontroller |  | 1 |  |
| 8. | Max-232 |  | 1 |  |
| 9. | Power bag | DC power battery | 1 |  |

Tentative Project Plan

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Activities | Months | | | | | | |
|  | November | December | January | February | March | April | May |
| Literature review and Taking Supplementary Courses Requirement Study analysis |  |  |  |  |  |  |  |
| Coding and testing |  |  |  |  |  |  |  |
| Hardware Design, simulation and testing |  |  |  |  |  |  |  |
| Interfacing the software and the hardware |  |  |  |  |  |  |  |
| Adding More features to the project  Draft Thesis Paper preparation and finalizing |  |  |  |  |  |  |  |
| Demonstration and Final Thesis Paper Submission |  |  |  |  |  |  |  |

References

google.com