**IMPLEMENTATION PLAN**

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| **SL NO** | **MONTH** | **WEEK NO** | **DESCRIPTION** |
| 1 | JANUARY | 3 | Planned to make mechanical design  Started to do the mechanical |
| 2 |  | 4 | Brought all required materials |
| 3 |  | 5 | Checked the mechanism |
| 4 | FEBRUARY | 1 | Arranged the front wheel with the conveyor  Welded the front part  Checked and verified the movement |
| 5 |  | 2 | Planned to fix the rear wheel  Gave support to the rear wheel  Planned to make the chain mechanism  Welded the required stand to back wheel  Some error happened in stability |
| 6 |  | 3 | Change the alignment and fixed it  Fixed the back wheel with the stand  Checked the manual working  Brought the conveyor belt  Stretched the conveyor belt with the bed |
| 7 |  | 4 | Belt are checked with the conveyor belt  Movements are done with the conveyor bed  Removed the outer part from bearing  Used outer part to connect from conveyor  Attached the gear at the rear bar |
| 8 |  | 5 | Checked the movement of the bicycle  Manually rode the cycle in campus |
| 9 | MARCH | 1 | Report did for presentation  Made changes in block diagram  Added new modules  Mechanical design worked properly |
| 10 |  | 2 | Made mechanical parts with dimensions  Changed mistakes in report  Took video  Report acknowledgement changed |
| 11 |  | 3 | Changed and submitted the report  Told some more changes  Gave extra support for the mechanical parts |
| 12 |  | 4 | Removed the conveyor belt and tight it  Gave some extra support to the front wheel and back wheel  Prepared the report as per the corrections  Submitted the report |
| 13 |  | 5 | Prepared for the presentation  Presentation started  Did presentation for first intermediate |
| 14 | APRIL | 1 | Got some ideas to present for next presentation  Sir said some mistake in presentation  Questions and datasheets ideas  Answered all the questions  Got some ideas to do program |
| 15 |  | 2 | Wrote program for PIR sensor  Wrote program for LCD at initial point  LCD programs error corrected  Checked the program in stimulation |
| 16 |  | 3 | Added program in report  Checked in hardware  Output error  Debug the error |
| 17 |  | 4 | Dumped the program again  Checked the output in hardware |
| 18 |  | 5 | Clamped the motor in the stand |
| 19 | MAY | 1 | Fixed all the motor components  Reduced the handle size and fixed accelerator  Checked the working of LCD and PIR |
| 20 |  | 2 | Output error  Debugging the errors  Output error |
|  | | | |
| 21 |  | 3 | Fixed mechanical motor  Placed switch to battery  Mounded the modules with mechanical structure  Checked the error modules  Changed LCD and checked |
| 22 |  | 4 | Changed PIC16F877A and checked the output  Output error  Debugged the errors |
| 23 |  | 5 | Got output  Prepared report for presentation  Corrected the mistakes in report |
| 24 | JUNE | 1 | Fixed the modules  Checked the working of the project |
| 25 |  | 2 | Took video  Submitted the report and video to staff and got approved |
| 26 |  | 3 | Semester presentation |