

### Cover page

Title of the project:

Group member name and ID

Supervisor name and designation

Department name and University name

Submission Date

1. Background study of the research topic
2. Description of the problem being solved (Problem statement)
3. Review of existing similar systems
4. Project Proposal
5. Objective of the project
6. Output of the project or expected results of the project
7. Feasibility study indicating at least two possible solutions
8. Solutions adopted and the reasons for that
9. Working steps (Work plan)
10. Major Milestones
11. Research methodology:
12. Detailed diagrams for the complete system and all subsystems (ER Diagram, Block diagram, Architecture of the system, Use case and etc.)
13. Explanation of the functioning of the complete system, and all subsystems
14. Diagrams drawn using software showing the layout of the systems
15. Diagrams drawn using MS Word or MS Visio showing flow chart for processing
16. Graphs drawn using MS Excel
17. Figures and graphs showing inputs and outputs, as applicable
18. Tables showing input and output data, as applicable
19. Bill of materials required to build the circuit or software system, and the approximate cost (procurement and budget)
20. MS Project charts including Gantt Charts showing the expected timeline of progress or milestones
21. Required software tools. Detailed description. What tools and why?
22. Target Population (Users of your system). Detailed description.
23. What makes the solution an 'innovation' (Description of innovative and creative aspects)
24. How the project will become sustainable? Explain:
25. Is there any possibility to scale up the project? Please explain:
26. Is there any opportunity of income generation from the project? Please explain:
27. Do you need financial support for future extension? Please explain:
28. Do you need financial support for future extension? Please explain:
29. How people will be benefit from the project? Explain:
30. What are the risks? How the risks will be managed?:
31. What is the poverty relevance?
32. What is the value for money?
33. Unprivileged women and people will benefit?
34. Disabled will benefit?
35. What is the positive impact on environment, social, economic, design?
36. Is there any research publication on the problem statement? Please list them.

37. Implementation and comparison with existing system. User experience and data extraction and plotting. Results demonstration, user experience.
38. Conclusion
39. Bibliography (minimum 25 from conference paper, journal, website, proceeding, books and other places). Don't accept only from web. Use proper format. Cite the reference inside the text as number based on serial.