

# Feasibility Report

## Project Title: Prabhat Electronics.

### Economics Feasibility: -

This project is affordable and does not require any heavy investment. I will be using **free and open-source technologies** like: HTML, CSS, JavaScript (for frontend), PHP (for backend), SQL (for database).

There is **no cost for licenses**, and all development will be done on a basic computer or laptop. Printing bills can be done with a **normal printer**. Small electronics shops usually don't have big budget for software. Expensive solutions are out of their reach. This system gives them a **low-cost and effective option**. This software can run in one basic laptop or desktop without hiring IT professional – That saves money and effort.

### Operational Feasibility: -

The system will be very **simple to operate**, even staff who are not from a tech background can easily work on this. The user interface will have clear buttons like “Add work-order”, “print bill”. And it has Features like inventory, sales Report and updating of service status (are only done by admin). This software reduces confusion and speed up the process. Instead of writing every item with pen and paper, the admin can just click on the work order and print the bills for customer.

### Technical Feasibility: -

The system is technically possible to develop using the technologies.

- **Frontend:** HTML, CSS, JavaScript.
- **Backend:** PHP.
- **Database:** MySQL.

These tools will be light-weight, easy to set-up, and work together. The system will run smoothly in a browser and doesn't need any heavy system or advanced hardware. Many projects fail because the developer cannot handle complex tools. All tools are simple and familiar, so the chances of success are high.

### Behavioral Feasibility: -

People usually fear change, especially in traditional Shops where manual systems are common. But once they experience how easy and useful this system is, they are likely to **accept it happily**. This system helps them **work faster, with reduce manual efforts**, and improves the

overall service. A good system is not just about working – people should be ready to adopt it, This software is designed in such a way that it fits smoothly into the daily routine. Instead of remembering each and every details like work-order, servicing parts and their prices, the system shows everything in-screen. The admin just clicks and it's done.