

## SYNOPSIS

### Diagnostic lab equipment maintenance and services

**Introduction:** The website is for medical labs and associated medical professionals in this field. The system eases the supervisory jobs of medical labs, it provides services for laboratory. Also provides a job platform for biomedical engineers and lab technicians.

The system is entirely managed by an administrator. Admin verifies users and services provided by the system.

Laboratories can book biomedical engineers and laboratory products such as equipments, machines or reagents according to their needs also do payments. They can fill vacancies too. Sellers of laboratory items can create their own account and can post their product with details also take orders from various labs and deliver it through suppliers. Sellers update products with respect to orders. Lab technicians can enquire about any vacancies and apply for job.

**Aim:** The aim of the system is to provide services for medical labs. Labs can easily find biomedical engineers around and use their services such as maintain complained machines and repairs. Equipment purchasing for labs becomes easy through this system.

**Input & Requirements:** Users can login to the system and register. Admin verifies the user and uses services available for particular user.

#### Advantages:

- Provide job platform for biomedical engineers and lab technicians.
- Purchase laboratory equipments with low cost.
- Laboratories can find around bioengineers easily.
- Laboratories can place qualified lab technicians.

#### Modules:

- Admin: Admin approves users, products of sellers and all other services from the system.
- Laboratory: Laboratories can login and register in the system and use all services provided for lab such as product order, book bio-engineer, publish job vacancies.
- Job seekers: Job seekers can enquire and apply for job.
- Bio-engineer: Bio-engineers can login and register to system with their working details. According to booking order from labs they provide services.
- Sellers: Sellers can create account in the system and post their laboratory equipments. Take order from labs.
- Suppliers: Suppliers can register in the system and deliver products from sellers to laboratory according to order taken by seller.

**Back End:** PHP, MySQL.

**Front End:**HTML,JavaScript,CSS