### CHAPTER-2

#### SYSTEM ANALYSIS

Systems analysis, is a phase of systems engineering. The principal objective of the systems analysis phase is the specification of what the system needs to do to meet the requirements of end users. In the systems design phase, such specifications are converted to a hierarchy of charts that define the data required and the processes to be carried out on the data so they can be expressed as instructions of a computer program. Many information systems are implemented with generic software, rather than with such custom-built programs.

#### 2.1 EXISTING SYSTEM

In the existing system all the records are maintained only manually. The disadvantages of the existing system are:

* Manual registration process
* Limited class scheduling visibility
* Inconvenient payment methods
* Lack of automated notifications
* Needs manual calculation
* Time consuming
* Lack of security for the data

#### 2.2 PROPOSED SYSTEM

The aim of proposed system is to develop a system of improved facilities. This system overcomes all the limitations

of the existing system.

* Online registration
* Enhanced class scheduling visibility
* Convenient payment processing
* User management ▪ Greater efficiency
* Security of data
* Ensures data accuracy
* Better service ▪ User friendly and interactive

Overall, the proposed system will offer a more convenient and efficient way for users to sign up for classes and manage their bookings, while also providing valuable data insights for the yoga studio.