**CHAPTER-2**

**Testing Processes and Related Work**

In this section first various types of testing which can be done in testing any software application is described. Then the information regarding the stakeholders involved in testing process is given. These stakeholders may be from the development phase or from testing phase. After that brief overview of the traditional testing model(V-model) is given. This model is widely accepted by the software testers. It describes the relationship between the testing activities and the development activities. After that testing process is described in brief related to various stakeholders involved .This section also give the knowledge about the testing performed in two widely used domain of real world i.e. web based application and database application. In both the application we will see how testing is carried out and the models used for testing which are application dependent.

Testing process basically describes about how testing is carried out based on stakeholders involved, documents involved and the interdependency between various stakeholders. This process depends on application for which testing is carried out and also consider the type of testing. It describe about the quality of software by showing whether the software is fulfilling the requirement of user by doing its intended function. The methods proposed by researchers are lack in the knowledge of testing based on two wide types i.e. manual or automated. They just described about the process independent of the way testing is performed by testers .