

LITERATURE SURVEY

TESTING

Validation Testing

Software validation is achieved through a series of tests that demonstrates conformity with requirements. Thus the proposed system under consideration has been tested by validation and found to be working satisfactorily.

Black Box Testing

This testing method considers a module as a single unit and checks the unit at interface and communication with other modules rather getting into details at statement level. Here the module will be treated as a block box that will take some input and generate output. Output for a given set of input combinations are forwarded to other modules.

Unit testing

Unit testing focuses verification effort on the smallest unit of software i.e. the module. Using the detailed design and the process specifications testing is done to uncover errors within the boundary of the module. All modules must be successful in the unit test.

User acceptance Testing

The system under consideration is tested for user acceptance by constantly keeping in touch with the prospective system users at the time of developing and making changes whenever required. This is done in regard to the following points.

DATABASE

Database are software systems used to store, retrieve, and run queries on data. A DBMS serves as an interface between an end-user and a database, allowing users to create, read, update, and delete data in the database. A web-based data management system provides a secure way for end users to manage database tables using a web browser. Security is in place to ensure that users can't see or manage data that they're not authorized to manage. It allows users to create and edit SQL queries and manage databases. Microsoft SQL Server Management Studio has been on the market for a long time. DBAs and database developers can use SSMS to configure, manage, and administer all SQL Server compon



