**CHAPTER 4**

**IMPLEMENTATION**

This chapter of the report describes the Functions, packages and modules used in the project:

**4.1 Libraries and Frameworks**

C++ is a programming language. It has imperative, object oriented and generic programming features, while also providing facilities for low level memory manipulation. C++ is a compiled language, with the implementation of it available on many platforms. It was designed with a bias towards system programming and embedded, resource –constrained and large systems, with performance, efficiency and flexibility of use as its design highlights. C++ has also been found useful in many other contexts, with key strengths being software infrastructure and resource constrained application, Indexing desktop application, servers and critical applications.

**Computer Graphics:**

Computer graphics are pictures and films created using computers. Usually the term refers to computer-generated image data created with the help from specialized graphical hardware and software. It is a vast and recent area in computer Science. It is often abbreviated as CG, though sometimes erroneously referred to as computer generated imagery or CGL Computer Graphics is responsible for displaying art and image data effectively and meaningfully to the user. It is also used for processing Image data received from the physical world. Computer graphics developed has had a significant impact on many types of media and has revolutionized animations, movies, advertising, video games and graphic design generally.

**4.2 Functional Models**

The functional models included in the project are listed below:

**Insert Module**:

This module provides the functionality of collecting the required data from the designed interface and transmitting it to the appropriate file present in the database designed for this project.

**Delete Module** :

The data counter put is located with the ability to unregister a single or multiple records from the file. It searches for the record, in the query specified file, based on the provided value for an attribute.

**Search Module** :

This module provides the functionality to search for a particular record based on the filters name of the customer, account number and branch.

**Modify Module** :

This module provides the functionality to modify the particular record for the account number specified by the customer.