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| **Group : 15 Roll No.** | **45,43,1** | | |
| **Name of Microproject** | **Design E-R Diagram for Blood Bank** | | |
| **Details of Student(s)** | **Enrollment No.** | **Exam Seat** | **Name of Student(s)** |
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| **Name of Industry** | NA | | |
| **Nature of Project** | Application | | |
| **Application(s) of Project** | NA | | |
| **Abstract**: This paper is scrutinizes the use of different terms and syntaxes in Database Management System, enabling viewer to get the complete concept of different aspects of Database Management System.  To satisfy this we created a database managed for Blood Bank System.  Use of various syntaxes was used as a reference to the output, satisfying every need of a perfect Database Management. | | | |
| **Introduction**:  A database is an organized collection of data, generally stored and accessed electronically from a computer system.  Where databases are more complex they are often developed using formal design and modeling techniques. The database management system (DBMS) is the software that interacts with end users, applications, and the database itself to capture and analyze the data.  A relational database (RDBMS) is a digital database based on the relational model of data, as proposed by E. F. Codd in 1970. The most common definition of an RDBMS is a product that presents a view of data as a collection of rows and columns, even if it is not based strictly upon relational theory. By this definition, RDBMS products typically implement some but not all of Codd's 12 rules. | | | |
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| **Fig. 1: E-R Diagram** | **Fig. 2: Login Details** | | **Fig. 3: Patient Details** |
| **Competitions**: NA | | | |

**Design E-R Diagram for Blood Bank**