EXPERIMENT 2

AIM: To write the information requirement document (IRD) for the case study "University Registration System".

THEORY:

Information Requirement Document (IRD) is the most basic paperwork produced during the software development. It is written during the inception of the software development process.

The IRD is used to consolidate and compile all the initial requirements of the user/customer. The IRD also consists of other important information about the software, such as Title of Project, Stakeholders Involved, Techniques used to capture requirements, Development Team Members, and the Version of the Software being produced.

Development of IRD has many advantages, such as it specifies all the initial requirements for the software and it also acts as an input to create Use-Case Diagram, which is also an important document produced during software development.

STEPS TO BE FOLLOWED:

- The specified format of writing the IRD is looked up.
- The format of the IRD is written on the word file.
- The various sections of IRD are filled accordingly, such as Version, Stakeholders Involved etc.
- The requirements are consolidated and are written under the 'Consolidated Requirements' section.

RESULT:

Title of the Project	University Registration System
Stakeholders Involved in Capturing Requirements	Faculty, Students, Database Administrator (DBA)
Technique Used for Requirement Capturing	Brainstorming
Development Team Members	● Ayush Bansal ● Himanshu
Date	24.08.2017
Version	1.0.0

CONSOLIDATED LIST OF INITIAL REQUIREMENTS:

- The Faculty/Students/Administrator should be able to login using an ID and password.
- The system allows the DBA to maintain Student Details (Add Student, Update Student, Delete Student, View Student Details).
- The system allows the DBA to maintain Faculty Details (Add Student, Update Student, Delete Student, View Student Details).
- The system allows the DBA to maintain Department Details (Add Department, Update Department, Delete Department, View Department Details).
- The system allows the DBA to maintain Course Details (Add Course, Update Course, Delete Course, View Course Details).
- The system allows the DBA to maintain Scheme Details (Add Scheme, Update Scheme, Delete Scheme, View Scheme Details).
- The faculty should be able to see their respective time tables.
- The faculty and students should be able to search time tables according to department and section.
- The students should be able to search the departments in the university along with its various details.
- The students should be able to fill out their subjects to be chosen.
- Students should be able to pay their registration fee online.
- Payment receipt is generated after payment of registration fees.
- The students should be able to print their registration form after course selection and payment of registration fees.

DISCUSSION:

IRD is produced, which is an important document, which is produced to consolidate all the requirements of software. IRD is used to check that all the requirements written in the document are satisfied by the end product, i.e. the software.

CONCLUSION:

The Information Requirement Document is produced which contains all the consolidated requirements of the software to be produced.