# Laboratory 2

Title of the Laboratory Exercise: Requirements Analysis - II

1. Introduction and Purpose of Experiment

Students will formally document the identified requirements in an SRS document for the scenario

1. Aim and Objectives

Aim

* To develop formal SRS document in a standard format for a given engineering problem

Objectives

At the end of this lab, the student will be able to

* + Identify dependencies of a software requirement
  + Create SRS document in a standard format

1. Experimental Procedure

* Work in teams of 7 students
* Each team should read the problem statement and identify requirements as a group
* Each team will then confirm the requirements and document the requirements in an SRS document
* Each individual will then write their lab manual, documenting their observations

1. Calculations/Computations/Algorithms

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| **Item** | **Detail** |
| Requirements tag | FR1 |
| Statement | The Software must allow valid users to sign in and sign up and identify the type of user. |
| Depends on | None |
| Stake holder | End user |
| Example scenario | * End user A should be able to create a new account if A is a new user. * End user B should be able to login using valid email and password if B is a returning user. * End user C should be able to login using phone number and password. * End user D with valid credentials should be identifiable as Merchant/Customer. |

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| **Item** | **Detail** |
| Requirements tag | FR2 |
| Statement | The Software should display the list of products based on category |
| Depends on | None |
| Stake holder | End user |
| Example scenario | * End user A should be able to view the list of available valid products based on selected category such as Electronics Category. * End user B should be able to view the list of available valid products based on selected category Furniture. |

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| **Item** | **Detail** |
| Requirements tag | FR3 |
| Statement | The Software must display complete product details of a valid product. |
| Depends on | FR2, FR11 |
| Stake holder | End user |
| Example scenario | * End user A should be able to view the complete product details of selected product TV, such as resolution, size, company, price, discount, technology used etc. * End user B should be able to view the complete product details of selected product Shirt, such as size, color, price, manufacturer, etc. |

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| **Component** | **Max Marks** | **Marks Obtained** |
| **Viva** | **6** |  |
| **Results** | **7** |  |
| **Documentation** | **7** |  |
| **Total** | **20** |  |