

Assignment-5: Requirement analysis and specification of software development

(2 Weeks)

In this assignment, teams are expected to brainstorm among themselves to understand the overall problem description very clearly. Then respective group should give in-depth focus to their respective assigned module and come up with use-case diagram and a set of Functional Requirements. Requirements has to be well understood, specified and free from any ambiguity. Requirements should be specified in such a manner that it should be understandable by the client as well can be used by the designer in the design phase.

Gr-1	Management system for hostel mess Users : residents, warden, mess manager, ...
Gr-2	Automate the process of institute fee collection Users : students, finance department, hostel wardens, ...
Gr-3	Management of Software Laboratories Users : students, lab-in-charge, faculty members, lab assistants
Gr-4	Hotel management system Users : receptionist, manager, guests
Gr-5	Automate academic load distribution and routine setup Users : teachers, distribution manager, HOD, students
Gr-6	Automate the process of admitting new students Users : new students, registrar department, hostel wardens
Gr-7	Bus Scheduling and Booking System User : customer, manager, supervisor, booking clerk
Gr-8	Management of Chemistry Departmental Laboratories Users : students, lab-in-charge, faculty members, lab assistants
Gr-9	Tour and travels management System User : customer, manager, supervisor, booking clerk
Gr-10	Restaurant management system Users : cook, waiter, manager, guests
Gr-11	Automate academic load distribution and routine setup Users : teachers, distribution manager, HOD, students
Gr-12	Railway reservation System User : customer, manager, supervisor, booking clerk
Gr-13	System for automating placement cell activities Users : students, placement coordinator, companies
Gr-14	Automate academic load distribution and routine setup Users : teachers, distribution manager, HOD, students
Gr-15	System for booking flights, hotels (e.g. MakeMyTrip) Users : customers, flight / hotel vendors, admin, ...
Gr-16	Restaurant management system Users : cook, waiter, manager, guests
Gr-17	Management system for hostel mess Users : residents, warden, mess manager, ...
Gr-18	Automate the process of institute fee collection Users : students, finance department, hostel wardens, ...
Gr-19	Management of Software Laboratories Users : students, lab-in-charge, faculty members, lab assistants
Gr-20	Hotel management system Users : receptionist, manager, guests
Gr-21	Automate academic load distribution and routine setup Users : teachers, distribution manager, HOD, students
Gr-22	Bus Scheduling and Booking System User : customer, manager, supervisor, booking clerk
Gr-23	Management of Chemistry Departmental Laboratories Users : students, lab-in-charge, faculty members, lab assistants
Gr-24	Tour and travels management System User : customer, manager, supervisor, booking clerk