

Application Title: Enquiry Management System (EMS)
Time: 3 Hrs

1	Problem Definition
2	Business Requirement
3	Evaluation criteria

1. Problem Definition:

Enquiry Management System (EMS) is an online system to handle daily student's Enquiry for listed courses.

Nowadays EMS is a common need of an institution who would like to handle daily inquiries of students, about the courses offered. So that latter on they can plan to send SMS, Email and do the proper follow-ups.

Here we want you to develop an Enquiry Handling module, which will track daily Enquiry handled by per authenticate user. This module should allow one login entry point, where all users can login, and after that Enquiry handling form will be displayed, where user can enter Enquiry information, and just below that total enquiries should be displayed in tabular format.

2. Business Requirement

1. System should have User as well as Student Enquiry support user wise.
2. There should not be prefilled data in tables.
3. System should have support for options like
 - User Login
 - User Registration
 - Add Enquiry
 - Edit Enquiry
 - Delete Enquiry
 - Show today's Enquiry
 - Searching by name
4. You need to create proper tables with proper names and have proper relationship
5. Design the flow of application and send along with source code.

3. Evaluation Criteria

- Modular Approach should be used in application development
 - Class level
 - Method Level
- Should make use of inheritance in appropriate situations.
- Application code should be reusable
- Application code should be well documented
- Appropriate names should be used for class, interface, method, variables, tables and columns
- Small method size, not more than 10 to 15 lines.
- User-friendly interface
- Accuracy of calculation
- Timeline delivery
- Completion status

Good Luck