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01- Mini Project (Student Enquiry Management Portal)

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Project URL : http://13.232.204.185:8080/

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Requirements To implement

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1) Counsellor Registration

2) Counsellor Login

3) Counsellor Dashboard

4) Add Student Enquiry

5) View Student Enquiries

6) Filter Enquiries

7) Forgot Password

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DB tables

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COUNSELLORS\_INFO => Counsellor.java + CounsellorRepo.java

CID PK

NAME

EMAIL

PWD

PHNO

STU\_ENQ\_INFO => StudentEnq.java + StudentEnqRepo.java

ENQ\_ID PK

NAME

PHNO

MODE

COURSE

STATUS

CREATED\_DATE

CID

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Form Binding Classes

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DashboardResponse.java

SearchCriteria.java

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Utilitie

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EmailUtils.java

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Services

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CounsellorService.java

public String saveCounsellor(Counsellor c);

public Counsellor loginCheck(String email, String pwd);

public boolean recoverPwd(String email);

public DashboardResponse getDashboardInfo(Integer cid);

EnquiryService.java

public boolean addEnq(StudentEnq se);

public List<StudentEnq> getEnquiries(Integer cid, SearchCriteria s);

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Controllers

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CounsellorsController.java

public String index(Model model); // display login page

public String regPage(Model model); // display signup page

public String recoverPwdPage(Model model); // display fpwd page

public String handleRegistration(Counsellor c, Model model);

public String handleLogin(Counsellor c, Model model);

public String handleForgotPwd(String email, Model model);

public String buildDashboard(Model model);

EnquiryController.java

public String enqPage(Model model);

public String addEnquiry(StudentEnq se, Model model);

public String viewEnquiries(Model model);

public String filterEnquiries(SearchCriteria sc, Model model);

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Views

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login.html

register.html

forgotPwd.html

dashboard.html

addEnq.html

viewEnq.html

filtered-enquiries.html

header.html

inc-header.html

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Email Sending in Spring Boot

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1) Add "mail-starter" dependency in pom.xml

2) Generate APP pwd for your gmail account

URL : https://myaccount.google.com/apppasswords

3) Configure SMTP props in application.properties file

4) Inject JavaMailSender to send emails

5) We can use below two classes to create mail

a) SimpleMessage (plain text data)

b) MimeMessage (html tags + attachments