Week 2 Progress Report

**Project Title:** Online Test Registration and Examination portal

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**Week Duration:** April 25 to May 2

**Problem Statement**:

The task is to develop a full stack Web application that allows users to register, login, take online exams and view their results.

Summary of work done in Week – 2

1. Implemented backend server using Nodejs,

2. Created API endpoint for registration form submission,

3. Integrated Multer for handling profile picture and college ID uploads,

4. Generated a random password for users using crypto,

5. Configured Nodemailer to send registration confirmation email with the generated password,

6. Successfully connected the backend with MySQL database (test\_portal)

7. Inserted user data (including images and password) into the 'users' table,

8. Fixed issues related the mail delivery and tested email sending functionality,

9. Debugged variable us in email text to show actual name and password,

10. Fully connected frontend form with backend and verified data flow end-to-end, end-to-end.

Technologies Used:

Nodejs

Express.js

MySQL

Multer

Nodemailer

JavaScript (Frontend)

WPS

Next week plan (Week 3)

Users can log in using their email and password.

After logging in,users should be redirected to the Dashboard