



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

Coimbatore – 641 048 | Tamil Nadu | India

DEPARTMENT OF COMPUTER SCIENCE

EXAM HALL SEATING ARRANGEMENT

Under the Guidance of

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PRESENTED BY

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PROJECT TITLE

EXAM HALL SEATING ARRANGEMENT SYSTEM



ABSTRACT

This Project work is entitled as “EXAM HALL SEATING ARRANGEMENT SYSTEM” is developed to computerize the manual work of Students Hall allotment. This system was developed in PHP as front end, the MY SQL Server as the back end and Windows 10P as platform. An Automatic Exam Hall Seating Arrangement is essential software to reduce the manual work where allocating hall for each student during examination is a complex job for exam cell in all colleges. Our system aims at reducing the human work by arranging the exam hall seats automatically and to obtain an optimized seating arrangement where two students appearing for the same subject are NOT NEIGHBOURS.



PROPOSED SYSTEM

All the drawbacks involved in the manual system can easily be solved by the introduction of the computerized system. This system is capable of keeping track of bulk amount of data. All the data and accounts can be easily maintained. The proposed system package is menu driven. It is also overfriendliness so Computer illiterate person can able to operate easily. In the proposed system, validation is done, so that entry level error can be deducted.

The report can be prepared in a very shot time. It will be accurate. This new system receiving order is attempted to increase the productivity. This project mainly focused for admin automatic hall allotment to entire students.



EXISTING SYSTEM

At present all the activities in the college such as, student allotment and hall allotment are carried manually. All filing and Record-Keeping are done manually by several people. Hence documents are easily lost or misfiled. The enormous volume of paperwork generates inefficiency and disorganization. The report generated from the existing system will not be in uniform format. The department has grown so large and the nature of the manual work is so tedious. This is evident in the difficulty of tracing misplaced documents. Can not able to prepare the invoice quickly.



SYSTEM CONFIGURATION

HARDWARE CONFIGURATION:

System	-	LENOVO
Processor	-	Intel Core 2 Due 2.66 GHz
RAM	-	1 GB
Hard Disk	-	500 GB

SOFTWARE CONFIGURATION:

Operating System	-	WINDOWS 10
Scripting Language	-	PHP
Database	-	MY SQL



MODULE DESCRIPTION

STUDENT DETAILS:

This module deals with the entire student's information. This module maintains the details of the newly admitted students, course, duration, Register number, and the Department of the student's and the Year of study details of the student.

SEMESTER DETAILS:

This module tells about sem details in various departments in the college and gives details student and their work and various activities carried out in the department. In this module you can know all the details about the student and their qualifications and grades in the college and their performance.



MODULE DESCRIPTION

HALL DETAILS:

This module admin can enter new Hall details like hall no, block, no of students allot to exam and exam block details stored in hall table. Admin can view all hall details in crystal report.

EXAM HALL ARRANGMENT:

This module admin can enter new student exam hall arrangement details like student name department, year of study details stored in hall table. This module room allot to students different department. Each bench allot to exam different class students.



MODULE DESCRIPTION

SUBJECT DETAILS :

This module tells about subject details in various departments in the college and gives details about admin to corresponding subject in the department. In this module you can know all the details about the subject for the particular department. Admin can add full details like student details, new department details and subject details stored in exam hall database.



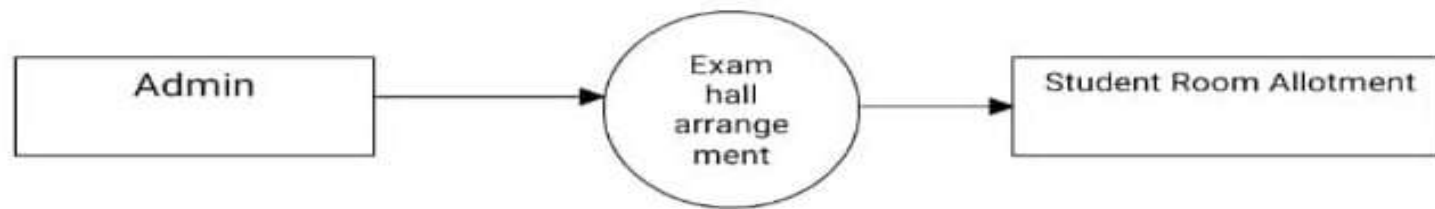
MODULE DESCRIPTION

REPORTS:

This project developed various reports view by students like branch wise report, class wise report and individual reports. Students open in this web application students can open separate branch like students row wise and subject wise view. Second report for individual report for name, branch, year, time and subject details view. finally third report view for total subject and hall details view for row wise



ER-DIAGRAM



ER-DIAGRAM

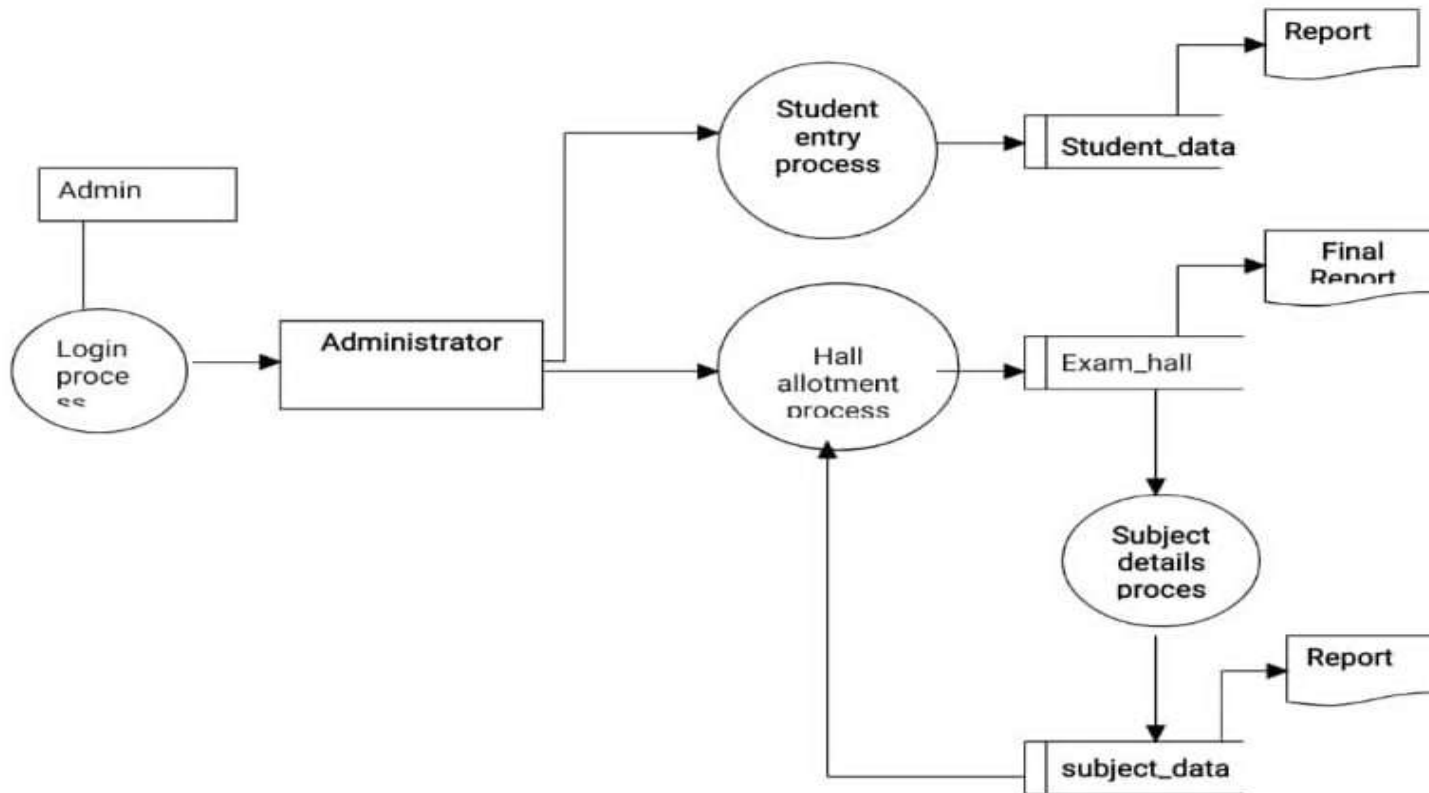


TABLE DESIGN

Registration Table

FIELD NAME	DATA TYPE	SIZE	DESCRIPTION
Roll number	Numeric	15	Roll number
Department	varchar	15	department
Year	Numeric	15	Year
Student name	Varchar	20	Student name
Batch	Varchar	10	Batch
Program	Varchar	10	Program



TABLE DESIGN

Admin Login

FIELD NAME	DATA TYPE	SIZE	DESCRIPTION
Username	char	15	Username
Password	char	15	Password

Subject

FIELD NAME	DATA TYPE	SIZE	DESCRIPTION
Subject code	char	15	subcode
Subject name	Varchar	20	Subject name
Department	Varchar	15	department
Year	Numeric	10	Year



TABLE DESIGN

Classroom

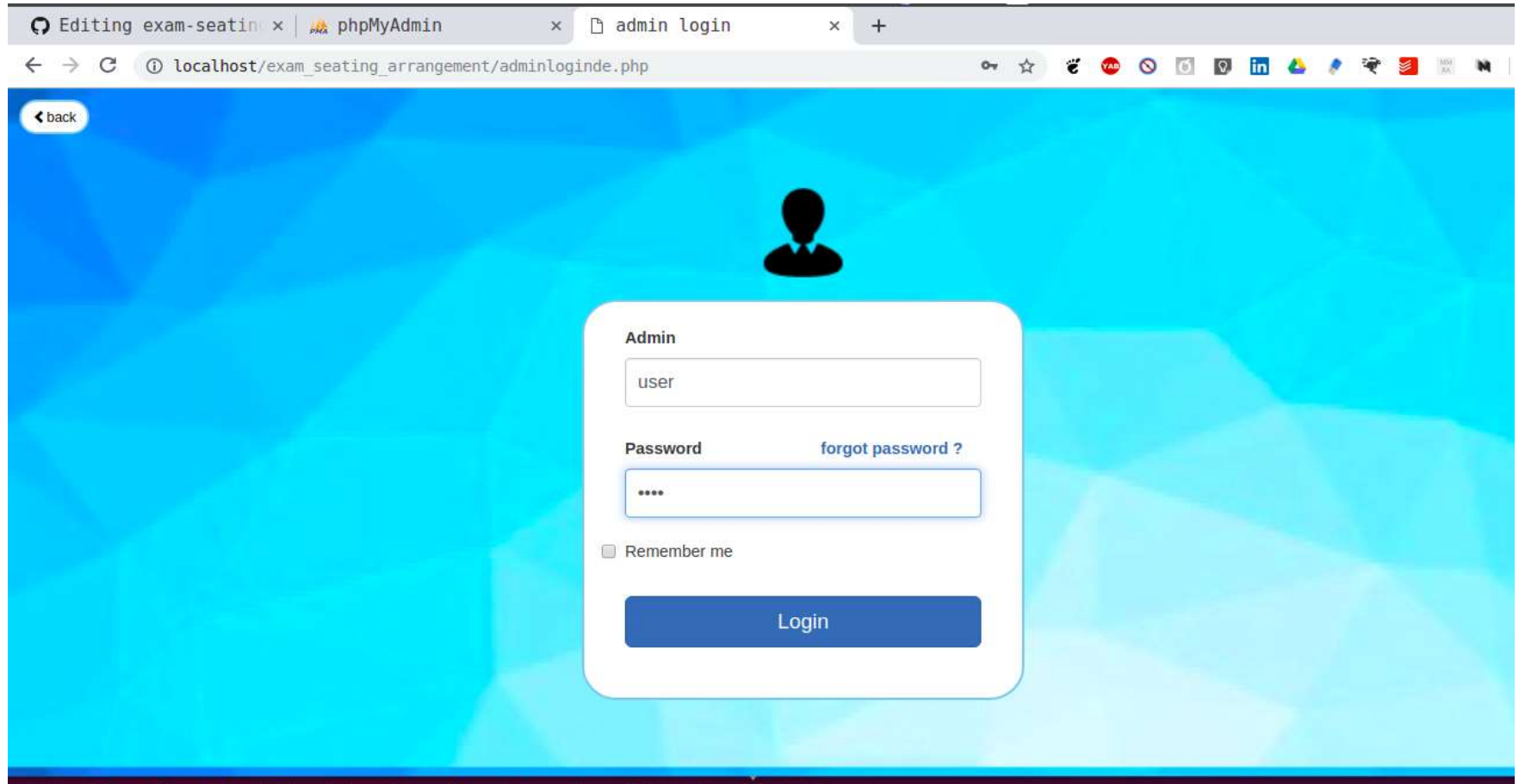
FIELD NAME	DATA TYPE	SIZE	DESCRIPTION
Classroom no	char	10	Classroom no

Hall Allotment

FIELD NAME	DATA TYPE	SIZE	DESCRIPTION
Roll number	Numeric	10	Roll number
Subject	Varchar	15	Subject
Classroom no	Varchar	10	classroom
Department	Varchar	10	Department
Year	Numeric	4	year
Exam date	Date/time	-	Exam date
Start time	Date/time	-	Start time
End time	Date/time	-	End time



SCREENSHOTS



The screenshot shows a web browser window with three tabs: 'Editing exam-seatin...', 'phpMyAdmin', and 'admin login'. The address bar displays 'localhost/exam_seating_arrangement/adminloginde.php'. The page features a blue background with a white login form in the center. Above the form is a black silhouette of a person. The form includes an 'Admin' field with the text 'user', a 'Password' field with four dots, a 'forgot password ?' link, a 'Remember me' checkbox, and a 'Login' button. A 'back' button is located in the top left corner of the page content.

Editing exam-seatin... x phpMyAdmin x admin login x +

localhost/exam_seating_arrangement/adminloginde.php

back

Admin

user

Password forgot password ?

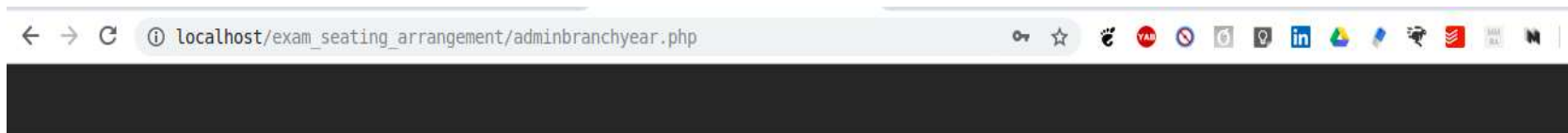
....

☐ Remember me

Login



SCREENSHOTS

A screenshot of a web form with a blue background. It contains two dropdown menus. The first is labeled 'Branch Name :' and has 'Mechanical Engineering' selected. The second is labeled 'Year :' and has 'IV' selected. Below the dropdowns is a green button labeled 'select'.

SCREENSHOTS

← → ↻ ⓘ localhost/exam_seating_arrangement/datainsert.php

⏪ back

SEATING ARRANGEMENT FILLING

Department : Mechanical Engineerii

Year : IV

Start number :* Enter start number

End number :* Enter end number

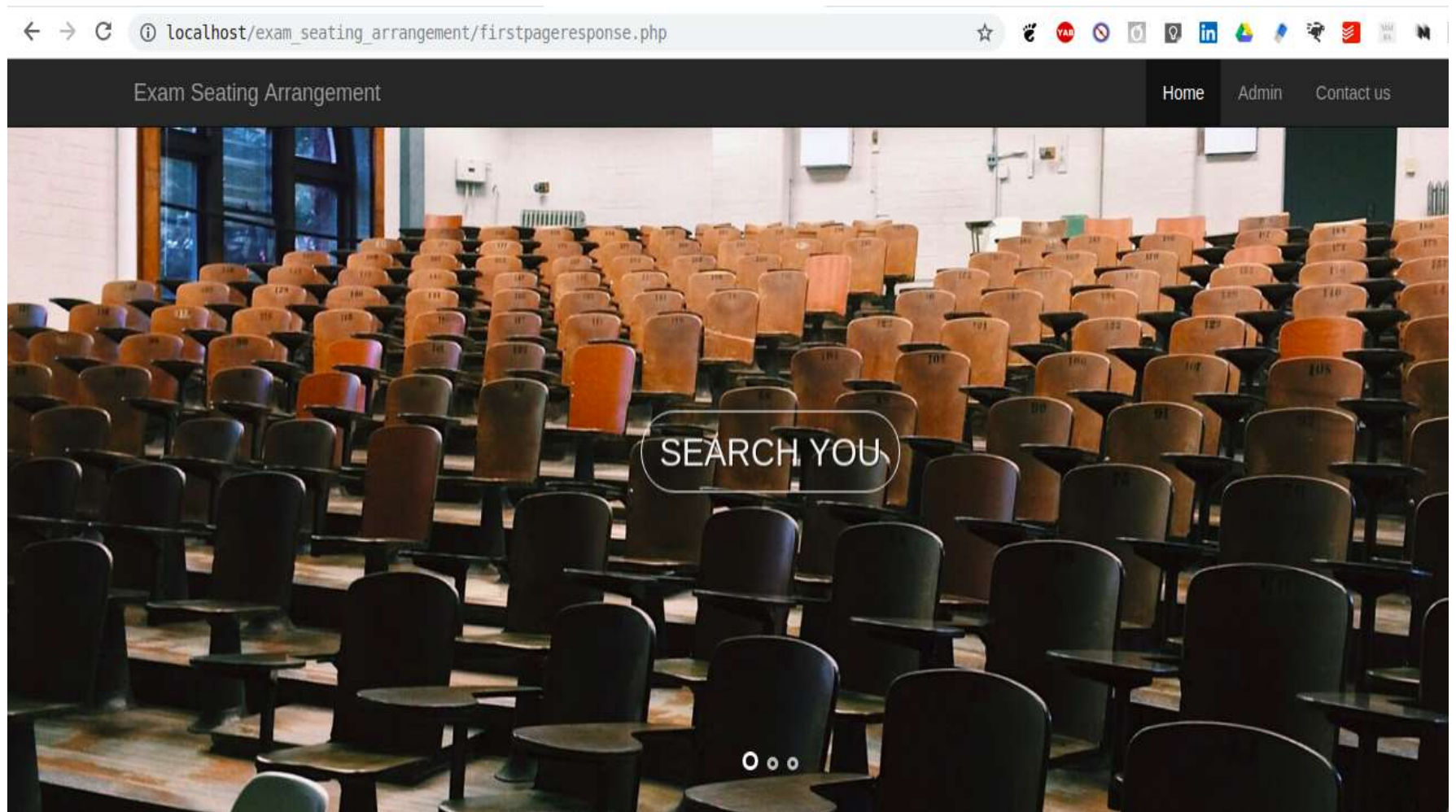
Select Subject :*

Select classroom :* LH001

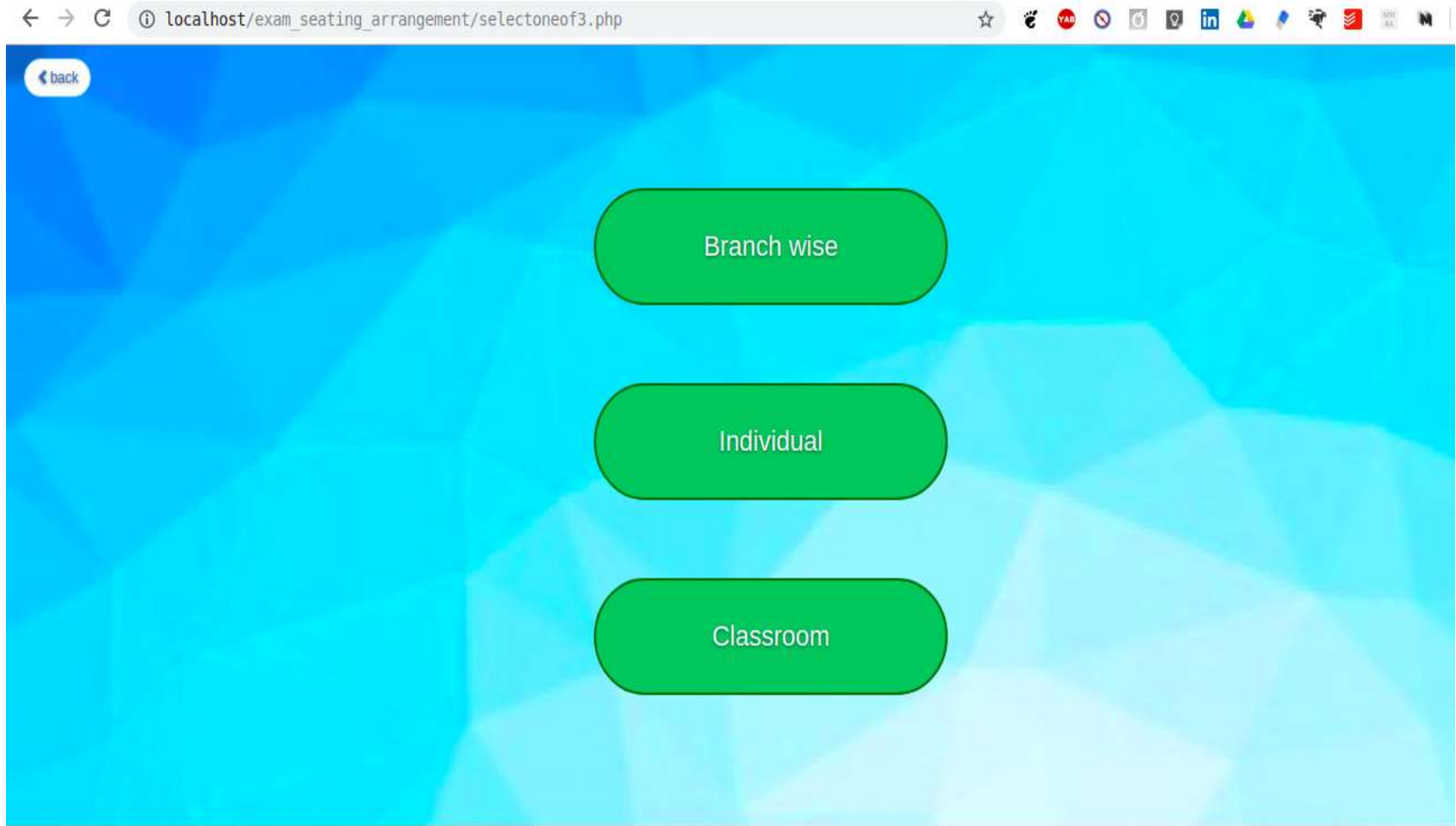
Date :*



SCREENSHOTS



SCREENSHOTS





Thank You!



Dr. NGPASC
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