

## NIR CORTAL WEB APPLICATION

Vigneshwari D

Department of Computer Applications, Nirmala College For Women

Mary F James

Department of Computer Applications, Nirmala College For Women

### ABSTRACT

The project entitled “NIR- CORTAL” is developed for creating an online course selection for students to select their NME and SKB courses. This system contains a platform where data about the student information is stored and maintained efficiently. Students and the administration can scratch out manual hustle, as the whole process is contained within an application. The information then gets stored in a database is then accessed by administrators to segregate students in their respective departments. The project NIR- CORTAL web application is developed using WIX as a designing tool with PHP 5.1.1 as front-end and MySQL 8.0.27 as back-end.

**Keywords:** Wix, MySql, PHP

### INTRODUCTION

The project entitled "NIR - CORTAL" is developed for the selection of course. It helps the students to opt for a preferred course from the list of NME (Non-Major Elective) and SKB (Skill Based) subjects offered by all the departments. Students will select the course from the list of NME and SKB courses and the selected course will be stored in the database which is to be used by the college administration to allocate the final year students in their respective subject departments, accordingly.

### LITERATURE REVIEW

In the existing system, the process of recording the students details for the choice of a subject is mostly handled through a manual and conventional procedure which is tiring and involves a lot of paper work. In this scenario, there is a lot of information involved and chances of misplace of information or events where data has been wrongly added against a student name is really high.

The proposed system however overcomes the drawbacks of the existing system by automating all the steps involved in reaching the final goal. The proposed system contains a platform where data is stored and maintained efficiently. To overcome the conventional procedure of course selection all the data entered by the students in the form is stored in the database for the administrator to access immediately without any paperwork.

By Liyana Hussin and Muhammed Khalil “Determinants of Students’ Choice of Courses and University Selection” The determinants of selection addressed consists of the future career, passion, parental influence and peer influence. In conclusion, this study can assist higher education institutions in developing strategies to increase the number of students admitted while also improving academic quality and institutional governance.

By Professor Elisha Babad “University course selection and services marketing” The purpose of this paper is to examine university applicants' choice processes using Kotler's five stage consumer buying process. The student selection process as candidates progress through the Universities and Colleges Admissions Service system is critically interrogated using notions from the field of services marketing.

## METHODOLOGY

### Administrator Module

In this module the Administrator is the one who maintains all the details of the App. Admin can only access this page. The admin has all privilege to give authentication and privilege to the student to which portion they can access. The administrator has all the information about the student and all the subject choices they have selected.

### User Module

This user module is used to register the student information in the database. The course selection requires the access of an authorized user name and password. The student database is a complete record of everyone who has enrolled in a particular course.

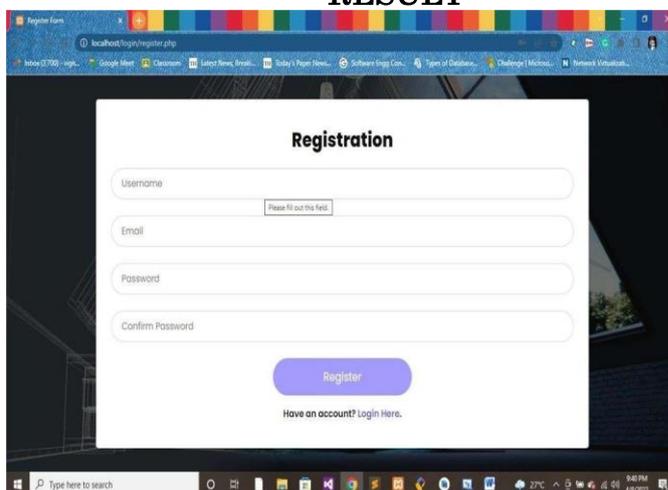
### Login Module

In this login module, consists of the admin and student members to login into the app. They are given Username and Password by the admin using which they can log into their respective profiles for activities.

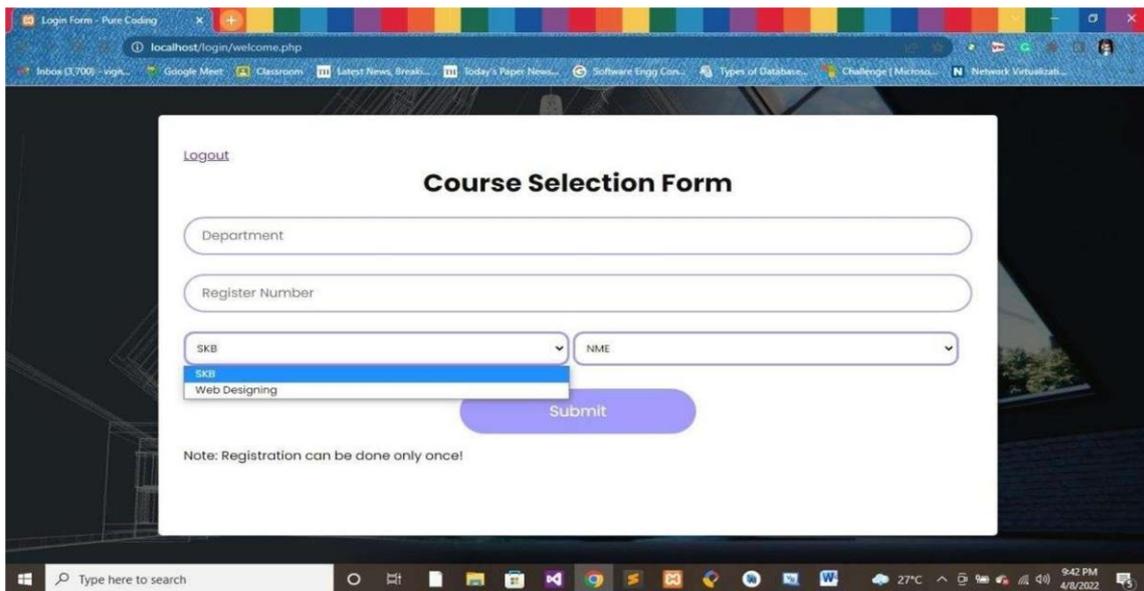
### Course Selection Module

There are two choices of courses in this module called “SKB” and ‘NME’. Given below each section is a list of various subjects in that paper. The students can select only one subject from both the papers and they will finally click the submit button to enrol themselves in those subject fields. The data of their subject choices will be registered with the administrator.

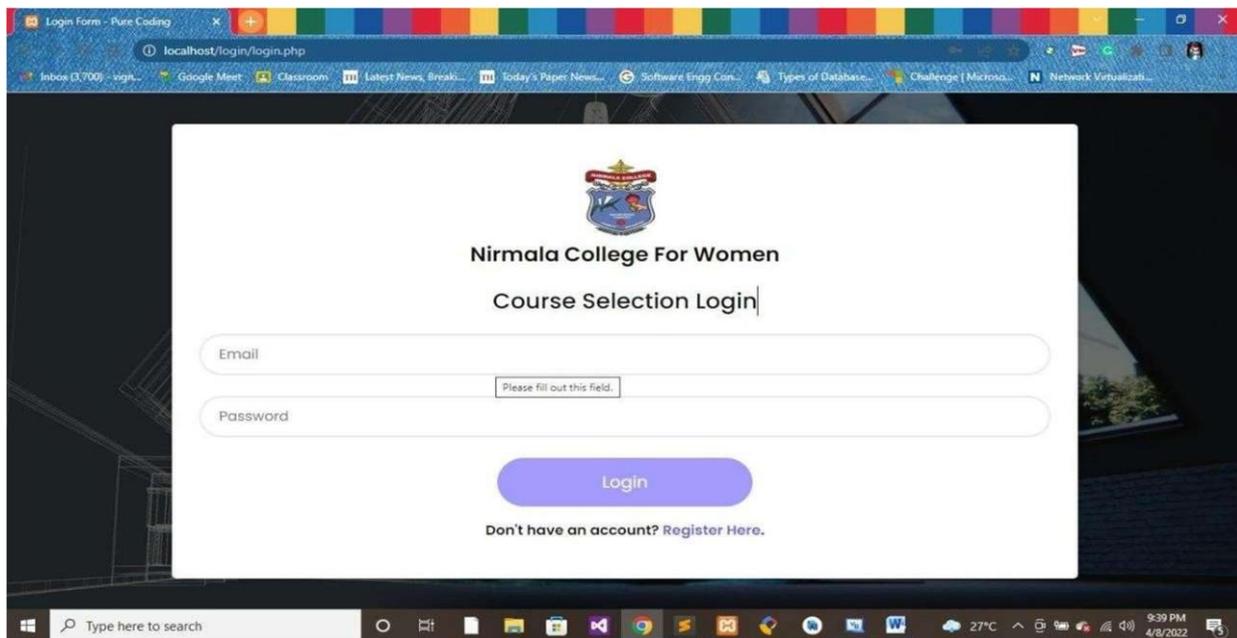
## RESULT



Registration



Login



Course Selection

The student registers and fills out their information. They then enter their password and proceed to the course selection form, where they can select any SKB or NME course. They then click Submit, and their information is saved in the database.

### CONCLUSION AND FUTURE WORK

The primary objective of the web application "NIR- Cortal" is to automate student course selection procedure. This has been achieved successfully and the system has been tested to be working efficiently. The student enters the information during the beginning of the semester, the system verifies the data entered, and forwards it to the administration for further necessary action at their end. Enhancements are a way to make things better or have a better approach

towards the proposed system then the current system. The present project can be made a lot better by bringing in the following enhancements:

More advance software for Online Chat Application including more facilities can be done.

These enhancements help the student and the administrator have an enhanced flexibility in their relationship with the students to receive data and answer queries. This allows for a better balance of work and studies. Instead of signing each document explicitly, they only need to recognize submissions online with the click of a mouse.

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