

ENTERPRISE SOFTWARE DEVELOPMENT

SKILL WORKBOOK

PROJECTS LIST

1. Placement Information System

About the Project:

The Placement Information System is a software project developed to assist the placement and training cell of Arts and Science College. The login form in the system checks for the validity of the username and password. This ensures that only the authorized users can use the system.

The main modules in this project are student, check and report.

The module 'student' consists of two sections, UG and PG. All the academic and personal details of the students are maintained separately in this module. Provision for inserting, updating and deleting the records are made here.

The next is the checking module. Checking is done separately for UG and PG students. In the checking module, the eligible candidates who can appear for the placement are found. This selection procedure is based on certain criteria, given by the company, like percentage of mark, the course being done by the student and the arrears.

The report module, which is the output module, produces the list of eligible students who can appear for the placement, along with all the necessary details.

Modules included in this project are Placement Officer, Head of the department and student.

2. News Report

About the Project:

The purpose of online News portal is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same.

Modules included in this project: - Admin page, contact us page, home page, feedback page, new user page, news creation page, user selection page.

3. Dance Studio

About the Project:

This project Dance Studio is an online website which provides a platform for all age groups to learn and excel in the most amazing and loved field called Dance. It has various famous choreographers available to train the candidates.

It also provides a safe and fun environment that allows every individual in developing skills. Here candidates are given opportunities to take part in various competitions in the studio.

Modules included in this project: Admin, choreographer, and candidates

4. Passenger Vehicle Management System

About the Project:

This application provides an easy and simple-way to sell or purchase vehicles online. Customers can view all the details of the vehicles and can purchase the vehicle. Customers can view all the details of the vehicle and send a request if he wants to purchase the vehicle.

Modules included in this project: - Dealer, Admin, Vehicle, Customer. Sales Manager.

5. Automatic Question Paper Framer

About the Project:

Automatic Question paper Framer is an online application for educational institutions that can automate the process of preparing question papers for examination. Typically, teachers or administrators generate the question papers manually using software or MS-Word. Sometimes it becomes very-complicated to manage due to some human error such as instability, narrow knowledge range dishonesty, and consumption of much time, etc.

Modules in this project are semester, branch, course, subject, Questions and Difficult Level.

6. Development of Learning Management System

About the Project:

This Learning Management System provides computer based learning and digital collaboration. All the information like programs, courses, examination details, fee details, staff, lab, library services and all other details about university will be provided to the user in this application.

Modules included in this project are student, faculty, admin.

7. Online Bouquet Store

About the Project:

The Online Boutique Store application provides the details of the nearby flower boutique for provided location. It also allows the user to order online if the service is provided by the boutique vendor.

It gives the information about the flowers used for season and occasion. Every flower is eccentric in its own way. That eccentricity is provided. Services like separate flowers, garlands, bouquet etc. will be provided.

Modules included in this project are Admin, customer, Pricing.

8. E Approval System

About the Project:

E-Approval System provides an internet platform for sharing electronic documents, submitting files, completing tasks, and tracking approval process. It was developed due to the global nature of many organizations which involve key persons often based in distinct parts of the world.

The approval process must flow seamlessly to ensure decisions are made efficiently and work is approved in a timely manner. Automating an organization's approval processes can save time and money while reducing chances of human error.

Modules included in this project :-Admin, Approver, User.

9. Online University Voting System

About the Project:

This system provides an online tool for the students to vote on different questions posted by admin. In this system, there will be two main pages to be able to access: Admin page and user Page.

From the Admin, page administrator will be able to design the voting application and upload new questions on different topics which are relevant to college students. From the Voting page, the user will be able to view all questions and vote for the interesting question.

Modules included in this project are Admin, User.

10. Health Care Logistics

About the Project:

The main objective of this project is to create a web application using Java, for a healthcare.

Logistics company to maintain a record of its test's and technicians. A logistics and technicians tracking website that allows a customer to search for all the booking date time and location, Technicians assigned for a booking, also allows customers to check the logistics used for bookings and unique data for the logistics required.

Modules included in this project are Manager, Technicians, Customer

11. Urban Spoon

About the Project:

Urban spoon is a restaurant review Web site that people can use to find and learn about restaurants in their area based on customer-specific conditions. Recently added, customers can also make online restaurant reservations through the Urban spoon system, though this feature is currently only available via mobile or iPad applications. As there are several other similar Web sites including Yelp, Open Table, Metro mix and Time Out, it is important for Urban spoon to monitor where it stands with users in the restaurant review market to take the appropriate actions to stay competitive. The usability of its Web site is one of the most important factors which affect its competitiveness.

Modules included in this project are customer, restaurants, admin, pricing.

12. Online Survey System

Main objective of Online Survey System Project is to design a web application which can be easily integrated in any website. standardized online system to gather feedback.

Online Survey System Project is a web-based application developed in Java programming language to facilitate online survey. The main aim of the project is to form a platform to collect the viewpoints of related people about certain issue using the internet. Along with launching survey, it is capable of giving [e-mail](#) notifications. It can be implemented in any organizations or college for carrying out survey of any kind.

Modules included in this project: -admin, user, survey

13. Online Doctor Appointment

Online Doctor appointment is a smart web application, this provides a registration and login for both doctors and patients. Doctors can register by giving his necessary details like timings, fee, category, etc. After successful registration, the doctor can log in by giving username and password. The doctor can view the booking request by patients and if he accepts the patient requests the status will be shown as booking confirmed to the patient. He can also view the feedback given by the patient. The patients must be registered and log in to book a doctor basing the category and the type of problem patient is facing and the location. The search results will show the list of doctors matching patients required criteria and he can select one and send a request the request will be forwarded to admin and admin forward to doctor and if he is available he will send the confirmation request back to admin the admin update the booking request and says confirmed to the patient. the patient can view the status in the status tab and also he will get the mail saying the booking is Confirmed.

Modules included in this project: - Admin, doctor and patient

14. College Election System

“College Election System” is a web application developed in java. This application provides an easy and simple way to both administrator and voters in the collect election process. In this application, voters can give their votes to college from anywhere and at any time. The administrator can add all the details of the candidates with the selected department. The administrator can view all the details of the candidates and if necessary he can delete the details of the candidate. In this application, all the details of the voters can be view in a graph form which makes the work of the administrator easy in analyzing the votes.

Modules included in this project: - Admin and voter

15. Employee Tracking System : -

Here in this Employee Tracking System Project in Java the employees when enter in to an organization he starts working on a project or starts doing his task then he gives his detailed time to time work he has done on that particular day to the administrator who in turn prepare the reports of a particular employee and then submits to the project manager, then he analyzes the capability of an employee and he will finally prepare the final reports which include the aspects of an employee are as follows:

1. The reports will give the significant amount of time and effort invested by the employees time to time, by helping the management to know about their employee's capability.
2. The employee can immediately know his capacity and the working hours weekly once or when the task allotted to him is finished.
3. Achievement/target report employee wise.
4. Performance indicator for an employee.
5. Determining the efficiency and the task completed by the employee

Finally I conclude that this project plays an important role in tracking the timings of the employee and how much time he is working and the entry time and exit time when a employee cross the gate number of times. And maintain like a small database about the timings of the employee.

Modules included in this project:- Admin, Employee, Tracking

16. Tour Guide : -

The Tour Guide is a java based website that helps the tourists in planning their tour of a completely anonymous place he wants to explore. This website plans the tour such that the user can save more time in exploring maximum places rather than wasting time in reaching his destinations. It takes the information such as location, the list of places the user wants to visit, the start and end place of the tour to make the plan.

Initially, it takes the information about the location the user is in. Then it will show the list of places of attractions of that place from which the user can opt the places of his choice according to his priority. Then it takes the start and the end place of the tour. After making an analysis of the distances between all the places into account a route map with the shortest possible path is displayed.

This website is very useful to all the people who love to travel in planning a time efficient trips where he or she can save time to visit new places rather than getting lost in an unaware place.

Modules included in this project:-Admin, user, tour locations, maps

17. Purchasing Management System:

The main objective of the Java Project on Sales And Inventory Management System is to manage the details of Payment, Supplier, Customer, Sales, Purchasing. It manages all the information about Payment, Inventory, Purchasing, Payment. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Payment, Supplier, Inventory, Customer. It tracks all the details about the Customer, Sales, Purchasing.

Modules included in this project: - Admin, Customer, Products and Sales

18. Courier Service System:

This idea of project represents the 'Courier Service Management System'. The system is being used for day to day activities such as maintain employee details, booking a courier, maintain hub details, maintain company details, process data of employees and many other things.

This project deals with the 'Courier Service Management System'. The system will be used for day to day activities like out return, company details, hub rates, booking, non-delivery, and pickup centers. Actually It is not easy to do this process manually because it would become very hectic. Hence it is recommended to automate the process by developing the relevant software as the world is moving from manual working to information and technology era where computerization becomes important in all walks of life.

Modules included in this project: - Admin, Employee, Courier Bookings, audit of couriers.

19. Vehicle Rental Management System:

This system is based on a concept to rent cars and generate rental invoice of a rental company. Before stepping into the main system a user has to pass through a login system to get access, then only the user can select cars with a different model and rent for certain days. This mini project contains limited features, but the essential one.

Talking about the features of this Rental System, after logging in as a user he/she has to provide a name then the user can select available cars. After selecting a car, the system displays selected car details which contain maximum power, mileage and many more. Then the user has to provide information such as number of days to rent the car. After all these procedures, the system calculates rent and displays Customer Invoice presenting invoice number, customer's name, car model, number, number of days and total rental amount.

Modules included in this project: -Admin, Vehicles, Rent Vehicles, Billing

20. Car Store:

Online **Car Store** System is an website that allows a customer to search for various **cars** available at the **store**, segregate according to the price and model, Unique data of **cars** available, Time it takes for a **car** to get delivered, book the **car** online and enter the date they would visit the **store** and also allows customers

Modules included in this project: Admin, cars, Bookings, Billing

21. Online Student Mentoring System:

The Project is about developing an application which can help women in all aspects; it may be providing online training or can be providing opportunities of interest. So that it is beneficial for women in all fields. And even making them experts in the domain they have chosen with the help of some training.

In the existing system, there is a lack of opportunity for encouraging rural women for pursuing their carriers. In the present days women are not allowed for regular studies. If they have opted for distance mode, then there will be a lot of communication gap between the trainer and students. And also takes many years for course to complete.

To implement this project, we have four modules **administrator** module to handle mentors and student details who has registered with the application. **Mentors** module where a master mentor is used to track all mentor's details, **student** module involves the students to register with the application before accessing information and **reports module** where administrator generate reports regarding the available mentors, students, course details and more.

We can conclude that this application provides an opportunity for women to learn some online courses and even resolve their queries with the help of experts than going by traditional approach.

Modules included in this project: -Admin, students, Mentors, reports.

22. Exam Seating Arrangement System:

The main objective for developing this project is to managing all the requirement for the examinations in charge. It can help to plan for seating all the students in the examinations rooms. This Exam Seating Arrangement System Project in Java is to record the details of many activities of users. This project provides a lot of features to manage the products in very well manner. This project contains a lot of advance modules which makes the back end system very powerful.

Modules included in this project:- Admin, Assign seat ,Assign block, Assign Floor, Student, Report generation.

23. Employee Attendance Monitoring System:

In this Employee Attendance Monitoring project, attempts were made to register the presence of employees. The main purpose of this java application is to maintain information about the presence that all employees can use in their departments. This web application retrieves the details of the departments assigned to the relevant administrative employees and employees enrolled in the courses from the server with the internet connection and stores them in the database. At the end of the month, when the administrator is needed to attend, attendance reports can directly generate an administrator report view.

Modules included in this project: -Admin, Admin Staff, Employee

24.Intelligent Hospital System :

Intelligent hospital is an application which is developed to retrieve patient's details easily. In this application doctor directly collects all the information of the patient regarding the disease like patient name, age, gender, B.P, weight blood test, urine test place and the description of the disease. Doctor can analyze the disease of the patient easily with in no time with this information. Doctor can search the symptoms and find the cure to the disease easily. Depending on the result found related to patients symptoms doctor will prescribe medicines to the patient. When doctor finds new symptoms he can add the related information in the database which he can analyze the same disease in future without any waste of time. Doctor can view the graph which shows the level of various disease in various locations.

Modules included in this project: -Admin, Doctor, Help desk and Scope

25. Online Loan Application:

Online Loan application frameworks have been produced use of Home advance, Car advance, Education loan, Gold loan, Business advance and online Customer securing arrangement an online stage to apply for the loan. Loan requirement relying on their qualification clients will in a flash get to the endorsement for on the web. thereafter the bank officials will contact the client and finish all the credit formalities. after client needs to archive subtle elements advance arrange base on application framework each relies upon the others and requirement for utilizing the others. Crafted by online application underway, has been vital to the improvement of these practices. the diverse module more innovation in application. client subtle elements and issues better place settled for an agent. Development processor general supplier proposal application is that it will proceed all through the future, accommodating the individuals who require us most. the application will likewise help clients to transfer every single important report online, thus engaging the client and furthermore diminishing the advance preparing time.

Modules included in this project: -

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|----------------|------|----------------------|
| 1. Client. | | 7. Gold Loan. |
| 2. Specialist. | | 8. Instruction Loan. |
| 3. | | Administrator. |
| 4. | Home | Loan. |
| 5. | Auto | Loan. |
| 6. Business | | advance. |