1. Evaluation of academic performance

This project involves the creation of an evaluation system that can analyze the academic performance of students by utilizing the fuzzy logic method. In the fuzzy logic method, you will consider three parameters, namely, attendance, internal marks, and external marks, to evaluate the final academic performance of students of an institution. The fuzzy inference system is much more accurate than conventional techniques.

While developing this Computer Science project, make sure that the student information uploaded is correct. Faulty data entry may lead to inaccurate results.

2. Online eBook maker

One of the best ideas to start experimenting you hands-on computer science projects for students is working on an online eBook maker. This online eBook maker will allow users to design and create eBooks free of cost. The system has two modules – admin login and author login. The admin can accept requests from users (authors), check and validate their details, evaluate completed eBooks, and process the request by mailing eBooks to the authors. Users can register in the system using the author login.

After filling in the necessary details, users can create new books, specify the context of books, add the title, number of pages, add a book cover, etc. Existing users can simply log in using their ID and password, and they can either create new books or resume editing the existing (unfinished) eBooks. Authors can keep only three incomplete eBooks at a time, of which they must complete at least one book before starting a new book.

3. Creating an online survey system

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 issues using the internet. Along with launching surveys, it is capable of giving email notifications. It can be implemented in any organization or college for carrying out surveys of any kind.

4. Building Mobile App for Delivery of Grocery

A grocery delivery mobile app is quite simple, it offers virtually all sorts of grocery items and provides the facility of applying certain filters in order to make searching easier. After searching their items, the users can add to their cart and then do the final checkout. In many of the apps, the users can choose the time-slot of their order delivery.

5. A Real-time Mobile App for Sharing of Cars

Carpooling is an application intended to better utilize the vacancy seat in the passenger's cars. It can be helpful in lowering the fuel usage, time consuming, it will also be helpful to reduce the cost of travel, traffic on the road, pollution & resulting in a green environment.

The GPS device is used for locating the passenger & driver status. This carpooling app which will be run on the mobile phone that should be GPS enabled. The carpooling app provided many services from various pickup & dropping points. The carpooling app which will be useful to overcome transportation in the country.

6. Creating an eCommerce site for a clothing retailer

Online Shopping is a lifestyle e-commerce web application, which retails various fashion and lifestyle products (Currently Men's Wear). This project allows viewing various products available enables registered users to purchase desired products instantly using PayPal payment processor (Instant Pay) and also can place orders by using Cash on Delivery (Pay Later) option. This project provides easy access to Administrators and Managers to view orders placed using Pay Later and Instant Pay options.

7. Online Attendance System

Online Attendance Management System is an innovative tool to maintain and manage the attendance of students. These tools can be a software to monitor attendance details. Also this provides transparency in the system so that each student can view their attendance from anywhere, anytime.

As soon as a teacher or a student joins the institution, he/she is requested to sign up to the online attendance management system. After this, the admin is required to review and approve their account activation. As their account gets approved, they can access their account.

8. Intelligent systems of voice recognition

Voice Recognition System: Speech-To-Text is a software that lets the user control computer functions and dictates text by voice. The system consists of two components, first component is for processing acoustic signal which is captured by a microphone and second component is to interpret the processed signal, then mapping of the signal to words.

10.Text to voice system in multiple language

Existing systems for text recognition are typically limited either by explicitly relying on specific shapes or colour masks or by requiring user assistance or may be of high cost. Therefore, we need a low cost system that will be able to automatically locate and read the text aloud to visually impaired persons. The main idea of this project is to recognize the text character and convert it into speech signal. The text contained in the page is first pre-processed. The pre-processing module prepares the text for recognition. Then the text is segmented to separate the character from each other. Segmentation is followed by extraction of letters and resizing them and stores them in the text file. These processes are done with the help of MATLAB. This text is then converted into speech

11. Using neural networks to predict stock levels

Nowadays, the most significant challenge in the stock market is to predict the stock prices. The stock price data represents a financial time series data which becomes more difficult to predict due to its characteristics and dynamic nature.Support Vector Machines (SVM) and Artificial Neural Networks (ANN) are widely used for prediction of stock prices and its movements. Every algorithm has its way of learning patterns and then predicting. Artificial Neural Network (ANN) is a popular method which also incorporates technical analysis for making predictions in financial markets.

12. Tracking App For Medication

Staying healthy and getting your medications exactly when your body needs them is vital, but sometimes you just forget.In a 2017 high level study involving 1,198 adults, they were found to have medication delays 80–85 percent of the time and to have forgotten medication 44–46

percent of the time. You'll record when you take your medications and receive medication reminders. Also manage numerous people's medication regimens, by using concept of profile management. Also track your prescriptions and set reminders.

13. Online Proctoring System
Online proctoring software helps organizations monitor test takers remotely during online exams. Proctoring solutions enable administrators of online assessments to create a more secure testing environment by deterring and preventing instances of academic dishonesty. Test administrators use proctoring software to verify test takers' identity, lock down web browsers, and monitor examinee behavior during the test. These platforms make it possible for test takers to complete exams at home using their own computers instead of at an in-person testing center. Online proctoring platforms are used by a range of organizations that deliver exams online, including universities, credentialing bodies, and businesses.Proctoring software products are often used alongside assessment software, which facilitates the creation of tests. Many proctoring products also integrate with learning management systems to streamline the delivery of exams to test takers.To qualify for inclusion in the Online Proctoring category, a product must:Assist with verifying the identity of each test takerAllow instructors to lock down a test taker's screen to prevent them from using other applications during testingEnable monitoring of test takers' behavior during the exam, using either an automated system or a human proctorGenerate post-exam reports on test takers' behavior during the session

14. English Grammar Checker
Writers use a grammar checker to determine the grammatical correctness and consistency of their text. This application is usually included as an add-on feature in many word processors. For instance, the grammar checker feature in Microsoft Word underlines erroneous phrases with a green squiggly line. One of the early grammar checkers used in Unix systems was the Writer's Workbench, which allowed users to check for wordy, trite, clichéd or misused phrases in a text. Grammar checkers may also include features to check the diction, style consistency and spelling errors in a given text. They may also perform readability testing and provide statistical information about the text.Grammar checking is a complex process, and, hence, the available grammar checkers are far from perfect. As natural languages do not comply with rigid grammatical rules and have many exceptional cases in natural use, achieving accurate grammatical verification is difficult. Moreover, natural languages are not constrained by a specific syntax and have a wide range of vocabulary; hence, grammar checkers must also have an extensive dictionary of most words with their complete meanings and part-of-speech usage.Research studies in this area are more focused on creating effective algorithms that allow context-based grammar checking for improved correctness. Online services and applications such as Microsoft Office have included context-based grammar checking as a part of their feature set.However, the overall accuracy of grammar checkers has not always been satisfactory, as these applications can only find the most repeated and clichéd errors. As a result, experts advise that they be used only as a tool for checking and must not be wholly relied upon for verifying the grammatical correctness of a text.

15. Crime rate prediction
This is one of the interesting computer science project ideas to create. As the name suggests, this Computer Science project involves building a prediction system that can analyze and predict the crime rate of a particular location. Naturally, the system needs to be fed with relevant data. It uses the K-means data mining algorithm to predict the crime rate. The K-means algorithm can cluster co-offenders and organized crime groups by detecting relevant crime patterns via hidden links, link prediction, and statistical analysis of crime data.

It functions somewhat like this – the admin will feed the crime data into the system. The algorithm will analyze crime data stored in a database and extract information and patterns from it. It will then collate the crime groups based on the patterns found in the dataset. The clusters will be made based on factors like where the crime took place, which people were involved in the crime, and when the crime occurred.

16.Online car parking reservation system

Currently ,most of the existing car parking system are manually managed and a little inefficient. In urban areas, where number of vehicles is higher as compared to the availability of parking spaces, a lot of time being wasted in searching for parking locations. Hence online booking parking system is a proposed method that users can reserve their parking places using web. Providing a simple web application for parking vehicles. Booking for parking slot at home. Can search near by places using Google map. Easy payment system. Parking owners can add their own parking places. Make easy to automate parking owners and customers.

17. AI multi- agent shopping system

An AI multiagent shopping system where system is fed with various product details. The system allows user to register and enter his details about a particular product. The system records all the details provided by user and checks for various items matching his search. The system comes up with a list of items best suited for user needs. The system also suggests other related items that the user may like. The system suggests these items which are likely to be bought by the user based on his previous requirements. The system handles multiple users at a time and provides accurate results.

18. Smart city travller

The purpose of developing this android application is to create a schedule for the traveler travelling to city and wanted to explore the city by specifying the time in hours. System then smartly analyzes the questionnaire and creates a schedule for traveler based on provided time. The development has two major portals: for traveller and for admin. First of all, traveler need to register himself by filling up the details using android application. After successful registration, user can login now using login credentials which then proceeds with questionnaire where application ask user about their likings and habits. Based on questionnaire, application smartly analyzes for the place based on user specified time. The application is capable enough to search the place automatically based on FourSquare API. This application also helps you to find the places nearby you or around the world. After searching a place, the map will show the details such as name, area, location, phone no. & kilometers from the current location of the user.

19. Fake Product Review Monitoring And Removal For Genuine Online Product Reviews Using Opinion Mining

As most of the people require review about a product before spending their money on the product. So people come across various reviews in the website but these reviews are genuine or fake is not identified by the user. In some review websites some good reviews are added by the product company people itself in order to make in order to produce false positive product reviews. They give good reviews for many different products manufactured by their own firm. User will not be able to find out whether the review is genuine or fake. To find out fake review in the website this "Fake Product Review Monitoring and Removal for Genuine Online Product Reviews Using Opinion Mining" system is introduced. This system will find out fake reviews made by posting fake comments about a product by identifying the IP address along with review posting patterns.

20. Time for a break

This is a computer-based Break Timer program to remind you to take regular breaks while working on your desk for good health. Some of us spend at least sixty per cent (if not more) of our day sitting on a chair working on a computer or for some other work. This physical inactivity for such long durations causes diseases like varicose veins, weak bones, back problems, weak digestion and can even increase the risk of cancer. Doctors around the world suggest good posture while sitting and taking regular breaks from your work. You can walk around and stretch a little bit for a healthy life.

Here is what the software does. Once installed, it reminds you to take a break after a predetermined time through an audio announcement. It also randomly selects a video from a list (already fed in the program) and plays it to further motivate you to leave the desk and move around.

21. Quiz system for pop us/surprise quiz with AI

The system verifies student that he /she is registered for the subject or not. If he/she is registered then student can attempt the quiz also faculty can design the quiz. Ta will be assigned the role of Teacher in the system.

22. Android Location Alarm

People may have different work at different places. They may forget to keep track of all the work which is associated at different places. User will be reminded about his work at certain place where the work is associated with. This system tracks the user location with the help of GPS. System retrieves the user's current geological coordinates, with the help of this system tracks user's current location.

23. Book Exchange among campus students

Seniors and Juniors of the same university can exchange books,notes, materials. In a campus of 4000 or more students, student can find the person who wish to donate/sell books in the same or nearby campus.

24. Online Mobile Recharge Portal

This software project provides a simple as well as a consistent platform for recharging any network mobiles online. The registered users can recharge their numbers from anyplace at any time. This project is mainly developed for automating the process of mobile recharging.

This online system is more useful to the admins as well as the customer. By using this software application, the admin can include new operators, offers, tariff plans, and change or update the existing plans. By using this software, the user can create his account and recharge their mobile number easily at any time.

25. Canteen Management System

a technique of ordering foods online applicable in any food delivery industry. The main advantage of this system is that it greatly simplifies the ordering process for both the customer and the canteen. When the customer visits the ordering webpage, they are presented with an interactive and up-to-date menu,complete with all available options and dynamically adjusting prices based on the selected options. After making a selection, the item is then added to their order, which the customer canreview the details of at any time before checking out. This provides instant visual confirmation of what was selected and ensures that items in the order are, in fact, what was intended.

This system also greatly lightens the load on the canteen's end, as the entire process of taking orders is automated. Once an order is placed on the webpage, it is entered into thedatabase and then retrieved, in pretty much real-time, by a desktop application on the canteen'send. Within this application, all items in the order are displayed, along with their correspondingoptions and delivery details, in a concise and easy to read manner. This allows canteenemployees to quickly go through the orders as they are placed and produce the necessary itemswith minimal delay and confusion.