

## 1) Stadium Seat Booking System

**Java Projects Idea:** This is another automated system that can be developed in Java and will be useful to the people for booking their seats in the stadium through the online method. Every detail of the stadium should be mentioned properly including the number of seats, seat availability, price of the seat, category of seats.

Admin will manage all the details related to the stadium and matches that would take place in the stadiums and will have to update each detail. When the user books a seat, he will get a unique seat number.

This application will require a robust database as it would contain the details of all the matches taking place in a particular region.

## 2) Clinic Management System

**Java Project Idea:** Clinic Management System is one of the best project ideas to work upon in Java. It supports an efficient management system for clinics and helps doctors to manage the appointments and data of each patient in an organized manner. The patients can get the appointment without having a manual conversation; he can just find the timings of the clinic and availability of the doctor and book the appointment with the doctor. The admin will approve the appointment request according to particular criteria.

## 3) Online Optical Character Reader System

**Java Project Idea:** Extract text from PDF and images (JPG, BMP, TIFF, GIF) and convert into editable Word, Excel and Text output formats

## 4) Wedding Planner System

**Java Project Idea:** This will be one of the catchy applications that you can choose to develop. This system is used to plan and manage the wedding events in an effective way. The user has to login to the system to get its services. The user will add the details of the wedding event like venue booking, type of food to be served, number of members to attend the wedding, decoration details, and the estimated budget. Then, the admin will view all the details and process the request of the user. The user will get the final quote of the wedding event and can book the event planner for managing all the activities.

## 5) Online Cab Booking System

**Java Project Idea:** The Online Cab Booking System is another fascinating project that can be built using Java. This system provides a convenient way to users for booking the cabs from any place as per their requirements. This system allows users to book the cabs online, manage their bookings, and even cancel the booking at any point of time.

The user has to first signup/login to the system and then he has to enter details to book the cab like- date and time of journey, pick-up location, destination, and drop-off point. As soon as they book a cab, they are provided with the driver's name and his contact number so as to communicate with him. The current status of the cab is also shown on the map on the user's system so that he can easily track the cab

## 6) Traffic controller System

**Java Project Idea:** The Traffic controller system is a simple Java project for beginners which is based on JSPs, Servlets, MySQL, and core concepts of Java. It provides an automatic system for traffic control management. It manages the traffic routes, traffic light system, data of traffic police in a particular region. All such necessary information is stored at a single place and it proves to be very helpful for the traffic management team.

## 7) Apartment Management System

**Java Project Idea:** The Apartment Management System is one of the best mini projects that can be developed in Java to manage apartments such as flats, buildings, or any of the real estate properties. The whole apartment can be managed using this system without maintaining manual records and labor.

There are three sections in this system: admin section, apartment owner section, user section. Admin will control all the activities of apartment and the owner can monitor his apartments' information and rent payments. Users are the ones who live in the apartment. They can add complaints, check activities, and can view their rent statements if they are the tenants of the apartments.

This will be really an impressive project that can be developed with Java, MySQL, jQuery, and [Ajax](#).

## 8) University Admission System

**Java Project Idea:** The University admission system can be developed to automate the admission process of a university. This project will really help you to gain more knowledge of Java and strengthen your resume.

The whole admission services and processes will be computerized by replacing the existing pen-paper system of university admissions and can be done from anywhere. The updates about the admissions will be provided on the website and students can register themselves for admission process. There will be a section for the entrance exam of university. Students can view their admission status including their marks and courses for which they are eligible. There is also a fee payment option if the students' admission is confirmed with the university.

## 9) Career Analysis System

**Java Project Idea:** The Career Analysis system can be proved as a very fascinating system for Java development. It is helpful for the students, who have graduated from the schools, to search for colleges all over the country to make their career. They need to either manually visit the colleges and get the inquiry

for the admission or have to contact the colleges through mails and calls which is again a time-consuming task.

The system allows the students to add their rank and marks of the competitive exams and they can see a list of suitable colleges and the courses that can be provided to them based on their rank. This saves physical effort and time for both college and students.

There are an admin and the users in this system. The admin can add details of engineering as well as medical colleges to the system and the user has to register himself with the required details and he will get a username and password. The users or the students can select the category of college with specific branches and have to enter their rank.

#### 10) Desktop Chess game application

#### 11) Online Courier Management System

**Java Project Idea:** The online Courier management system is a suitable project for beginners who are looking to make their career in Java. This project is based on MySQL and JSP and runs on tomcat server. This system automates the process of courier management by performing all the processes of a courier system in an automated manner.

The whole system is well organized and performs efficiently. It has six modules:

- Office Module that maintains all the information related to the courier office
- Shipment Module, that manages all the shipment operations
- Manager module in which the manager takes care of all the information
- Delivery Module that manages the delivery operations
- Payment Module which performs all the operations related to the payment of the courier
- Customer Module that manages all the information of the customers taking the services from this system

#### 12) Color Hunt Gaming Project

**Java Project Idea:** Color hunt is an entertaining mind game which consists of letters with different colors arranged randomly on it. In this Java game, we mention a statement of a precise color and letter, which we're supposed to click in the block box fastly. We need to click on the exact color which has been mentioned and the statement immediately keeps changing.

#### 13) Online Text Editing System

**Java Project Idea:** The Text editing system will help the users to edit the context of an article by changing the font size, font colour, font type etc. It also helps users to check the spellings of their article.

The user will upload their article as a pdf or they will write the article on the given text box to check and edit the article.

#### 14) Online Sudoku Game

**Java Project Idea:** Sudoku is a very popular game now-a-days. Solving sudoku among the online users is very exciting and interesting too.

The users will create room for several users and they will solve sudoku. The winner will be decided by checking some parameters like time, steps etc.

#### 15) Covid case prediction system

**Java Project Idea:** Covid-19 outbreak becomes a pandemic among us. The idea of this project is to design a prediction system of covid by analyzing certain factors like health condition, oxygen monitoring, travelling history etc. The user will insert the required data into the system and the system will give the prediction of covid cases.

Dataset link: <https://www.kaggle.com/allen-institute-for-ai/CORD-19-research-challenge>