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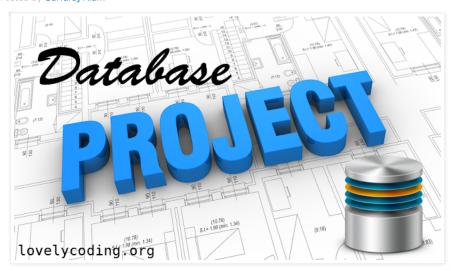HOME   ABOUT ME   SERVICES   WORKS   HOW WE WORK   TESTIMONIALS   CONTACT

Top 18 Database Projects Ideas for Students

Posted by Sarfaraj Alam

If you need someone who can do your database project, Check my SQL homework help. If you wish you can directly contact me.

Also, don't forget to check other Computer science projects.

1. INVENTORY CONTROL MANAGEMENT DATABASE PROJECT

Design goals: maintain a proper variety of required items, increase inventory turnover, reduce and maintain optimize inventory and safety stock levels, obtain low raw material prices, reduce storage cost, reduce insurance cost, reduce taxes

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2. STUDENT RECORD KEEPING SYSTEM DATABASE PROJECT

Design goals: a student file that contains the information about student, a stream file, a marks file, a fee file, concession/scholarship etc.

3. ONLINE RETAIL APPLICATION DATABASE PROJECT

A customer can register to purchase an item. The customer will provide bank account

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number and bank name (can have multiple account number). After registration, each customer will have a unique customerid, userid and password. A customer can purchase one or more item in different quantities. The items can of different classes based on their prices. Based on the quantity, the price of the item and discount (if any) on the purchased items, the bill will be generated. A bank account is required to settle the bill. The items can be ordered to one or more suppliers

4. COLLEGE DATABASE DATABASE PROJECT

A college contains many departments. Each department can offer any number of courses. Many instructors can work in a department, but an instructor can work only in one department. For each department, there is a head, and an instructor can be head of only one department. Each instructor can take any number of courses, and a course can be taken by only one instructor. A student can enroll for any number of courses and each course can have any number of students.

Java Project Ideas For United State OF America[USA]

5. RAILWAY SYSTEM DATABASE PROJECT

A railway system, which needs to model the following:

1. Stations
2. Tracks, connecting stations. You can assume for simplicity that only one track exists between any two stations. All the tracks put together to form a graph.
3. Trains, with an ID and a name
4. Train schedules recording what time a train passes through each station on its route.

You can assume for simplicity that each train reaches its destination on the same day and that every train runs every day. Also for simplicity, assume that for each train, for each station on its route, you store

- Time in,
- Timeout (same as time in if it does not stop)
- A sequence number so the stations in the route of a train can be ordered by sequence number.

1. Passenger booking consisting of train, date, from-station, to station, coach, seat and passenger name.

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6. HOSPITAL MANAGEMENT SYSTEM DATABASE PROJECT

A patient will have unique Patient ID. Full description about the patient about personal detail and phone number, and then Disease and what treatment is going on. The doctor will handle patients, One doctor can Treat more than 1 patient. Also, each doctor will have unique ID. Doctor and Patients will be related. Patients can be admitted to hospital. So different room numbers will be there, also rooms for Operation Theaters and ICU. There are some nurses, and ward boys for the maintenance of hospital and for patient take care. Based upon the number of days and treatment bill will be generated.
Check Hospital Management System project in PHP

7. LIBRARY MANAGEMENT SYSTEM DATABASE PROJECT

A student and faculty can issue books. Different limits for the number of books a student and teacher can issue. Also, the number of days will be distinct in the case of students and teachers for issue any book. Each book will have different ID. Also, each book of the same name and same author (but the number of copies) will have different ID. Entry of all the book will be done, who issue that book and when and also duration. Detail of Fine(when the book is not returned at a time) is also stored.

8. PAYROLL MANAGEMENT SYSTEM DATABASE PROJECT

There will entry (Unique ID) of all the employee of any Organization. According to the date of joining and date up to which salary is created, Number of days will be entered. Basic pay will be defined according to the post of employee and department. Then component like DA, HRA, medical allowance, Arrears will be added, and Charges of Hostel/ Bus, Security, welfare fund and other will be deducted. The number of leaves taken by the employee.

Check also data mining Project ideas

9. HEALTH CARE ORGANIZATION DATABASE PROJECT

This organization provides following functionalities

- Emergency Care 24x7
- Support Groups
- Support and Help Through calls

Any new Patient is first registered in their database before meeting the doctor. The Doctor can update the data related to the patient upon diagnosis (Including the disease diagnosed and prescription). This organization also provides rooms facility for admitting the patient who is critical. Apart from doctors, this organization has nurses and ward boy. Each nurse and ward boy is assigned to a doctor. Also, they can be assigned to patients (to take care of them). The bill is paid by the patient with cash and E-banking. Record of each payment made is also maintained by the organization. The record of each call received to provide help and support to its existing person is also maintained.

Check clinic management system project in PHP

10. RESTAURANT MANAGEMENT DATABASE PROJECT

The restaurant maintains the catalog for the list of food and beverage items that it provides.
Apart from providing food facility at their own premises, the restaurant takes orders online through their site. Orders on the phone are also entertained.
To deliver the orders, we have delivery boys. Each delivery boy is assigned to the specific area code. The delivery boy cannot deliver outside the area which is not assigned to the delivery boy (for every delivery boy there can be single area assigned to that delivery boy).
The customer record is maintained so that premium customer can be awarded discounts.

11. DESIGN A SCENARIO AND AN ER DIAGRAM FOR AN IT TRAINING GROUP DATABASE PROJECT

It will meet the information needs of its training program. Clearly indicate the entities, relationships, and the key constraints. The description of the environment is as follows:

The company has 10 instructors and can handle up to 100 trainees for each training session.
The company offers 4 Advanced technology courses, each of which is taught by a team of 4 or more instructors Each instructor is assigned to a maximum of two teaching teams or may be assigned to do research Each trainee undertakes one Advanced technology course per training session.

12. BLOOD DONATION SYSTEM DATABASE PROJECT

 A system in which data of Patient, data of donor, data of blood bank would be saved and will be interrelation with each other

DATA OF PATIENT – Patient Name, Patient Id, Patient Blood Group, Patent Disease

DATA OF DONAR – Donar Name, Donar Id, Donar Bood Group, Donar Medical report, Donar Address, Donar Contact number
DATA OF BLOOD BANK – Blood Bank Name, Blood Bank Address, Blood bank Donors name, Blood Bank Contact Number, Blood Bank Address

Try to implement such scenario in a database, create a schema for it, an ER diagram for it and try to normalize it.

13. ART GALLERY MANAGEMENT DATABASE PROJECT

Design an E-R Diagram for an Art Gallery. Gallery keeps information about "Artist" their Name, Birthplace, Age & Style of Art about "Art Work," Artist, the year it was made, Unique title, Type of art & Prices must be stored. The piece of artwork is classified into various kind like Poetess, Work of the 19th century still life, etc. Gallery keeps information about Customers as their Unique name, Address, Total amount of Dollar, they spent on Gallery and liking of Customers.

14. HOTEL MANAGEMENT SYSTEM DATABASE PROJECT

A hotel is a hive of numerous operations such as front office, booking, and reservation, banquet, finance, HR, inventory, material management, quality management, security, energy management, housekeeping, CRM and more. The hotel has some rooms, and these rooms are of different categories. By room category, each room has the different price. A hotel has some employees to manage the services provided to customers. The customer can book the room either online or by cash payment at the hotel. The customer record is stored in hotel database which contains customer identity, his address, check in time, check out time, etc. hotel provides food and beverages to their customers and generates the bill for this at the time of their check out.

15. SCHOOL MANAGEMENT SYSTEM DATABASE PROJECT

School management System project in PHP
Design a database to maintain information about school staff(staff management system in ms access) and students satisfying following properties:

1.   Staff will have their id, name, and classes they are teaching
2.   Student will be having name, roll no, section, class
3.   Another table containing section, subject and teacher information
4.   Next will contain fee information for students
5.   One contains salary information for teachers
6.   Rooms are assigned to classes keeping in mind that there is no time clash of same room or lab, students can not be entered in more than one section, no student should be there who have not paid fees up to a particular date.

16. WHOLESALE MANAGEMENT SYSTEM DATABASE PROJECT

1.   Maintain the details of stock like their id, name, quantity
2.   Maintain the details of buyers from which manager has to buy stock like buyer id, name, address, stock id to be bought
3.   Details of customers i.e. name, address, id
4.   Defaulters list of customers who have not paid their pending amount
5.   List of payment paid or pending
6.   The stock that is to buy if quantity goes less than a particular amount.
7.   Profit calculation for a month.
8.   Quantity cannot be sold to a customer if required amount is not present in stock and date of delivery should be maintained up to which stock can be provided.

17. SALARY MANAGEMENT SYSTEM DATABASE PROJECT

1. Employee list to be maintained having id, name, designation, experience
2. Salary details having employee id, current salary
3. Salary in hand details having employee id, CTC salary, pf deduction or any other deduction and net salary to be given and also maintain details of total savings of employee
4. Salary increment to be given by next year if any depending upon constraints
5. Deduction in monthly salary if any depending upon any discrepancy in work and amount to be deducted.

18. ATM MANAGEMENT SYSTEM DATABASE PROJECT

Think yourself and write on the comment. I will pick the best one from comments and Publish it here.

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Are you worrying about your **Database Project?** Don't worry, **I can help you out.**

I am specialized in multiple rational database management systems (**Oracle Database, Microsoft SQL Server, MySQL, MS Access**).

I have **done 700+ database projects** till *13 Oct 2016*. **99% of Students,** who used my help got **A+ Grade.**

I also have a **great experience** in other programming languages (**Java, PHP, Android, Python, Swift, Objective-C**), I am still learning something new. You can also contact for Professional Software Development and Android App Development.

I can also implement your **database project** with **Desktop** and **Web Interface.**

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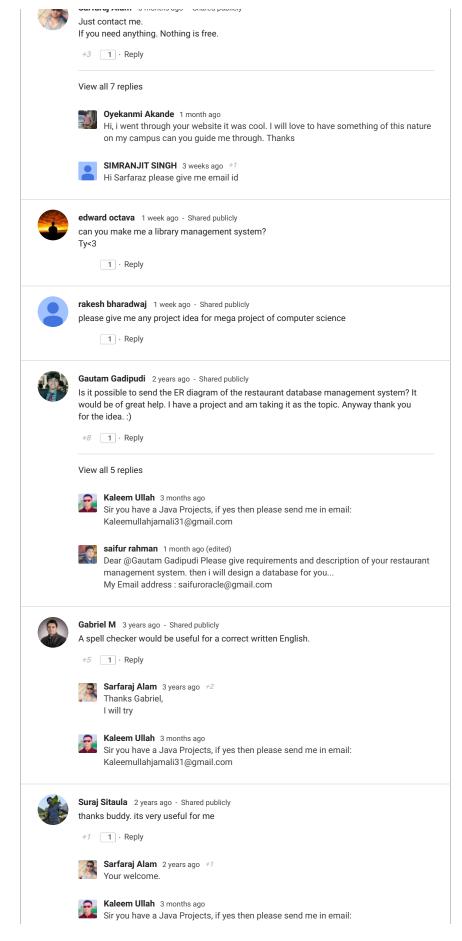Android Assignment Help
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246 comments

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Top comments

Sarfaraj Alam   8 months ago · Shared publicly

Just contact me.
If you need anything. Nothing is free.

+3   1 · Reply

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Oyekanmi Akande 1 month ago
Hi, i went through your website it was cool. I will love to have something of this nature on my campus can you guide me through. Thanks

SIMRANJIT SINGH 3 weeks ago +1
Hi Sarfaraz please give me email id

edward octava 1 week ago · Shared publicly
can you make me a library management system?
Ty<3

1 · Reply

rakesh bharadwaj 1 week ago · Shared publicly
please give me any project idea for mega project of computer science

1 · Reply

Gautam Gadipudi 2 years ago · Shared publicly
Is it possible to send the ER diagram of the restaurant database management system? It would be of great help. I have a project and am taking it as the topic. Anyway thank you for the idea. :)

+8   1 · Reply

View all 5 replies

Kaleem Ullah 3 months ago
Sir you have a Java Projects, if yes then please send me in email:
Kaleemullahjamali31@gmail.com

saifur rahman 1 month ago (edited)
Dear @Gautam Gadipudi Please give requirements and description of your restaurant management system. then i will design a database for you...
My Email address : saifuroracle@gmail.com

Gabriel M 3 years ago · Shared publicly
A spell checker would be useful for a correct written English.

+5   1 · Reply

Sarfaraj Alam 3 years ago +2
Thanks Gabriel,
I will try

Kaleem Ullah 3 months ago
Sir you have a Java Projects, if yes then please send me in email:
Kaleemullahjamali31@gmail.com

Suraj Sitaula 2 years ago · Shared publicly
thanks buddy. its very useful for me

+1   1 · Reply

Sarfaraj Alam 2 years ago +1
Your welcome.

Kaleem Ullah 3 months ago
Sir you have a Java Projects, if yes then please send me in email:

Kaleemullahjamali31@gmail.com

Champ Umar 2 years ago · Shared publicly

Sir will u give me the er diagram for hospital management system

+1   1   ·   Reply

Sarfaraj Alam 2 years ago   +2

Yes, Sure I will give you if you could pay.

esra Elosta 2 years ago · Shared publicly

hellow sir my project is about ferrari cars and do it in access2007-2011 and my idea that a ferrari cars generated in a manufacture and has a company that control the production line of the ferrari cars also the project mentioned about two types of suppliers first one called drop shipper that take ship the ferrari cars to other supplier
and other one called Importers and exporters so that ship by the end to show room-that

+1   1   ·   Reply

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esra Elosta 2 years ago   +1

can you please reply me today because i should be harry for that

Sarfaraj Alam 2 years ago   +1

+esra Elosta

for any type of programming help or database help or any type of help contact me by filling this form http://www.lovelycoding.org/p/contact-me_31.html
Don't ask me here plz.

Apurva pandey 2 years ago · Shared publicly

Sir, i m student of diploma engg. with IT. I m going to do project on railway system data base management. So plz give me some useful tips

+3   1   ·   Reply

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Maddox Smith 4 months ago

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Kaleemullahjamali31@gmail.com

adeprince2real 3 years ago · Shared publicly

how can i get project write-up, code and design. can you forward the link to adeprince2real@gmail.com

+2   1   ·   Reply

Sarfaraj Alam 2 years ago   +1

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Don't ask me here plz.

fonoon kids 3 years ago · Shared publicly

i am astudent in programming course and i need ideas of project using sql database and web design connected with
can you help me ,please?

+1   1   ·   Reply

Sarfaraj Alam 3 years ago
+mona maghawry check this http://www.lovelycoding.org/2015/03/php-projects-for-ms-bs-be-btech-mtech.html
It will help you a lot for choosing project ideas.

huda hamaamin 3 years ago (edited) · Shared publicly
I wont to create this data base please help me:
Restaurant Database Guidelines
This database which owner, manager and casher can register themselves, Manager Account only can update prices and or items. Owner is able to have reports only about all the information required monthly while casher job is only data entry.

+2 1 · Reply

Sarfaraj Alam 2 years ago *+1*
Please don't share your email in comment section.

SUPARNA D G 3 years ago · Shared publicly
I have chosen population a my dbms project topic.. please give me some ideas about it

+4 1 · Reply

View all 3 replies

SUPARNA D G 3 years ago *+1*
Thankyou

Naveed Ahmad 2 years ago
+Sarfaraj Alam sir plz send me a complete project of population dbms

von eric pugong 3 years ago (edited) · Shared publicly
can someone give me a research topic about database management system plz? tnx

+1 1 · Reply

Sarfaraj Alam 3 years ago
+von eric pugong I am always here to help you.
Contact me here http://www.lovelycoding.org/p/contact-me_31.html

Kaleem Ullah 3 months ago
Sir you have a Java Projects, if yes then please send me in email:
Kaleemullahjamali31@gmail.com

LovelyCoding 4 years ago · Shared publicly
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   1. Inventory control management Database Project Design goals: maintain a proper variety of required items, increase inventory turnover, reduce and maintain optimize inventory and safety stock levels, obtain low raw material prizes, reduce storage cost, r...

+3 1 · Reply

Sarfaraj Alam 4 years ago
You can also check the database project ideas using MS ACCESS
http://www.lovelycoding.org/2014/04/Access-database-project-ideas-high-school.html

Akash Muchandikar 2 weeks ago · Shared publicly
I want to do a mini project on database using HTML can u suggest me some names and on which latest project I should do ... please
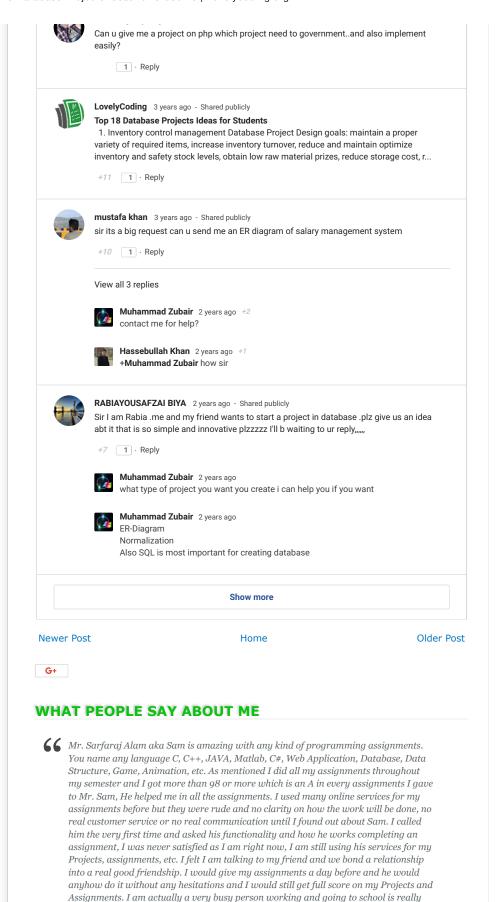
+1 1

Akash Muchandikar 2 weeks ago
Suggest me soon please so that I can report in college

Bhumiraj Kapletiya 2 weeks ago · Shared publicly

Can u give me a project on php which project need to government..and also implement easily?

<u>1</u> · Reply

LovelyCoding 3 years ago - Shared publicly

Top 18 Database Projects Ideas for Students

1. Inventory control management Database Project Design goals: maintain a proper variety of required items, increase inventory turnover, reduce and maintain optimize inventory and safety stock levels, obtain low raw material prizes, reduce storage cost, r...

+11 <u>1</u> · Reply

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mustafa khan 3 years ago - Shared publicly

sir its a big request can u send me an ER diagram of salary management system

+10 <u>1</u> · Reply

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> **Muhammad Zubair** 2 years ago *+2*
> contact me for help?

> **Hassebullah Khan** 2 years ago *+1*
> **+Muhammad Zubair** how sir

RABIAYOUSAFZAI BIYA 2 years ago - Shared publicly

Sir I am Rabia .me and my friend wants to start a project in database .plz give us an idea abt it that is so simple and innovative plzzzzz I'll b waiting to ur reply,,,,,,

+7 <u>1</u> · Reply

> **Muhammad Zubair** 2 years ago
> what type of project you want you create i can help you if you want

> **Muhammad Zubair** 2 years ago
> ER-Diagram
> Normalization
> Also SQL is most important for creating database

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WHAT PEOPLE SAY ABOUT ME

> *Mr. Sarfaraj Alam aka Sam is amazing with any kind of programming assignments. You name any language C, C++, JAVA, Matlab, C#, Web Application, Database, Data Structure, Game, Animation, etc. As mentioned I did all my assignments throughout my semester and I got more than 98 or more which is an A in every assignments I gave to Mr. Sam, He helped me in all the assignments. I used many online services for my assignments before but they were rude and no clarity on how the work will be done, no real customer service or no real communication until I found out about Sam. I called him the very first time and asked his functionality and how he works completing an assignment, I was never satisfied as I am right now, I am still using his services for my Projects, assignments, etc. I felt I am talking to my friend and we bond a relationship into a real good friendship. I would give my assignments a day before and he would anyhow do it without any hesitations and I would still get full score on my Projects and Assignments. I am actually a very busy person working and going to school is really stressful, but when Sam is there you can sleep very peacefully, with no tension. He is very friendly and would understand your needs, urgency and quality of the work as*

per your needs. I read through the testimonials and people were complaining about the prices he charges, I would say if you need to get your work done in just one day who would want to do it? No one but Sam, and the quality is 100%. In my opinion I would highly recommend his services, please talk to him and he will get through your assignments as with full attention and error free. I was troubled a student having hard time in my career but using his services I am close to getting my degree almost. Thank you so much Sam, I highly appreciate your services to me.

Mark Smith | University of Houston, Houston, USA

Studying Information technology became a huge headache,but things became quite simple and interesting with the help from Sarfaraj . His brilliant work left no scope for mistakes and things became quite simpler after that. I got my assignment on time and it was spot on. Although I gave him very less time to do my programming assignment he did it perfectly and without a single error. **Very impressive**. If you are looking for someone to do ur assignment last minute and guaranteed good work then look no more.

Renee Chokshi | Melbourne, Victoria, Australia

It seems like everyone is labelling themselves a coding expert, but Mr. Sarfaraj is one of the few who has actually earned the right to use the title. His profound knowledge of programming and online project help brings value to anyone seeking his services

Ryan Pike | New York, USA

In the beginning it's little inconvenient while I send him money, but Mr. Sarfraj is really awesome man, who helped me out in successful completion of my project. Thanks him a lot because he is not like others just dumping some stuff for money. He answered all my queries even after a week later about my project handed over. Thanks for his great patience in understanding my emergency and quick response at need.

Evelyn | Florida, USA

Lovely coding has become a key and valuable for projects help, which helps us meet our challenges to seek curious and sharp minds of this site. Lovely coding is not simply about measuring knowledge; it has proven to be essential in our selection process a comprehensive picture of candidates' talent and way of reasoning. Lovely coding is outstanding service in projects related to programming. Any way thanks for him in getting my project done in short span of than our expectancy.

Jonathan | California , USA

I am a mechanical student from Hong Kong,China. I am passionate about machines, but in our second semester I got a programming subjects. Programming is very triable task for me. I got a semester project, whose percentage is 25%, without scoring well in this project, I could not pass in this subject, My Professor have allocated very unique project for us. I tried a lot on the web but I could not get, while searching I got lovelycoding.org
I sent my assignment to Mr. Sarfaraj,and asked for help. He had done it within 2 days. I got 'A' grade in C programming. Thanks to Mr. Sarfaraj. He is very good in programming, but prices are little up, but quality is awesome.

Jing Xen | Hong Kong,China

It had the last some hours to submit my assignment, I was worried, I was asking to my friends to help to do my assignment. One of my friends advised to search my assignment on Internet then I googled and got lovelycoding.org I asked here to help, Sarfaraj promised me to that he will complete my **c programming assignment** before time and he had done it successfully, I got 95% marks in my assignments, I highly recommend for you, He very co-operative

Aq Ana | Malasiya

"Sarfaraj Alam calls himself a "ProProgrammer," because that is what he really is. I needed urgent help on a large project of mine and he went out of his way to make sure I

ABOUT LOVELY CODING

Lovely Coding is the one of the best Website for getting computer science projects on the web. Lovely Coding is helping 40+ people daily from all around the globe to make projects in various programming languages. Sarfaraj Alam,blog owner is always active on facebook, where You can contact him easily. You can take the help regarding programming(C/C++/C#/Java/Visual Basic),web development (HTML/CSS/JavaScript/PHP/JSP), windows app development, android app development and many others.

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