

Contents

1	INTRODUCTION	4
1.1	SYSTEM DESCRIPTION	4
1.2	SYSTEM FRAMEWORK	5
1.3	SYSTEM REALIZATION	6
1.4	ORGANIZATION OF REPORT	7
2	PROBLEM STATEMENT AND PROPOSED SOLUTION	8
2.1	PROBLEM STATEMENT	8
2.2	PROPOSED SOLUTION	8
2.2.1	System Requirements	9
3	LITERATURE SURVEY	13
4	ARCHITECTURE AND DESIGN	15
4.1	DESIGN OBJECTIVES	15
4.2	SYSTEM BLOCK DIAGRAM	15
4.3	CIRCUIT DIAGRAM	16
4.3.1	MOTOR DRIVE CIRCUIT	16
4.3.2	8051 Controller	17
4.4	FLOWCHART	18
4.4.1	GSM FLOWCHART	18
4.4.2	LOGIN OPERATION	18
4.5	TRACKING DEVICE THROUGH SMART PHONES	19
5	IMPLEMENTATION	21
5.1	HARDWARE USED	21
5.2	SOFTWARE USED	22
5.3	TECHNICAL SPECIFICATION	22
5.3.1	Applications	22
5.3.2	Features of the System	22
5.3.3	Advantages	23
5.4	IMPLEMENTATION DETAILS	23
5.5	SYSTEM SPECIFICATION	23

5.5.1	Embedded System	23
5.5.2	Embedded Tool	25
6	TESTING	27
6.0.1	TESTING OBJECTIVES	27
6.0.2	TESTING PRINCIPLES	27
6.1	TYPES OF TESTING	27
7	EXPERIMENTS AND RESULTS	29
7.1	EXPERIMENTAL RESULTS	29
8	CONCLUSION	37
9	REFERENCES	38
Appendix:		
A	CODE	39

List of Figures

1.1	Smart parking framework overview	5
2.1	Proposed System	9
2.2	Power Supply	10
2.3	An alphanumeric LCD, with four lines of 16 characters	10
2.4	12v 100 rpm DC Geared Motor	11
3.1	PLRS System	14
4.1	Automated Car Parking System with Automatic Gate Opener	16
4.2	Automated Car Parking System with Automatic Gate Opener	16
4.3	Motor Drive Circuit	17
4.4	8051 Controller	17
4.5	GSM Flowchart	18
4.6	Login Operation	18
4.7	Block Diagram	20
4.8	Control Room: Android	20
7.1	Admin Login	31
7.2	Add Operator	32
7.3	Admin Main Page	32
7.4	Operator Login	33
7.5	View Customer	33
7.6	Login	34
7.7	Checkin	34
7.8	Checkin Transaction	34
7.9	Balance Sheet	35
7.10	Checkout Transaction	35
7.11	Complete Transaction	36
7.12	Check Out	36

Chapter 1

INTRODUCTION

In this paper, we propose a new concept for a smart parking system. This system explicitly allocates and reserves optimal parking spaces to drivers, as opposed to simply guiding them to a space that may not be available by the time it is reached. The allocation is based on each users objective function that combines proximity to destination and parking cost while also ensuring that the overall parking capacity is efficiently utilized.

1.1 SYSTEM DESCRIPTION

The reservation in our smart parking system is different from that in the e-parking platform and others earlier mentioned. The latter only involves garage space reservations, and there is no attempt at any form of optimality, whereas in our smart parking system, drivers may reserve both off-street and on street parking spaces, which are selected to be optimal based on a well-defined objective function structure.

In this paper is provided by the need to reduce traffic in urban settings caused by vehicles searching for parking. On a daily basis, it is estimated that 30 percent of traffic congestion in an urban downtown area is caused by vehicles cruising for parking space, and it takes the driver an average of 7.8 min to find a parking space. This not only causes waste of time and fuel for drivers looking for parking but also contributes to additional waste of time and fuel for other drivers as a result of traffic congestion.

This particular project is designed for the cities with heavy traffic. Eg: In Bangalore the roads are full jammed every time. Most of the time the traffic will be at least for 100meters .In this distance the traffics police cant hear the siren form the ambulance. Then the ambulance has to wait till the traffic is left. Some times to free the traffic it takes at least 30 minutes .So by this time anything can happen to the patient .So this project avoid these disadvantages. The second feature is the information system in the Ambulance. The system will inform the status of the patient to the hospital as the command giving to the system in the ambulance. According to this project if any ambulance at emergency comes to any traffic post the traffic signals automatically stop the signals and give green signal for this ambulance. Normally, we

will have the traffic signal lights programmed for a particular time intervals. But, here we will generate the traffic light signals based on the traffic, on the particular time.

The parking systems aims at providing facilities to users like find, allocate, and reserve the best available car parking lot for a user in a particular area, providing navigation instructions for reaching this lot. The development of urban centers and the increasing number of vehicles on the roads around the world lead to the evident increase in demand for parking places in urban centers, which seriously affects the quality of the traffic.

1.2 SYSTEM FRAMEWORK

Internet of Things frameworks might help support the interaction between things and allow for more complex structures like Distributed computing and the development of Distributed applications. Currently, some Internet of Things frameworks seem to focus on real time data logging solutions. Significant number of smart parking systems based on various technologies like radio frequency identification (RFID), wireless sensor network (WSN), Bluetooth, Wi-Fi, ZigBee etc.

Our proposed smart parking system takes the basic structure of PGI systems as one component. In addition, it includes a Driver Request Processing Center (DRPC) and a Smart Parking Allocation Center (SPAC). Fig. 1 shows this framework. The Parking Resource Management Center (PRMC) collects and updates all real-time parking information and disseminates it via VMS or the Internet (basic functions of PGI systems). The DRPC gathers driver parking requests and real-time information (i.e., car location), keeps track of the driver allocation status, and sends back the assignment results to drivers. Based on driver requests and parking resource states, the SPAC makes assignment decisions and allocates and reserves parking spaces for drivers.

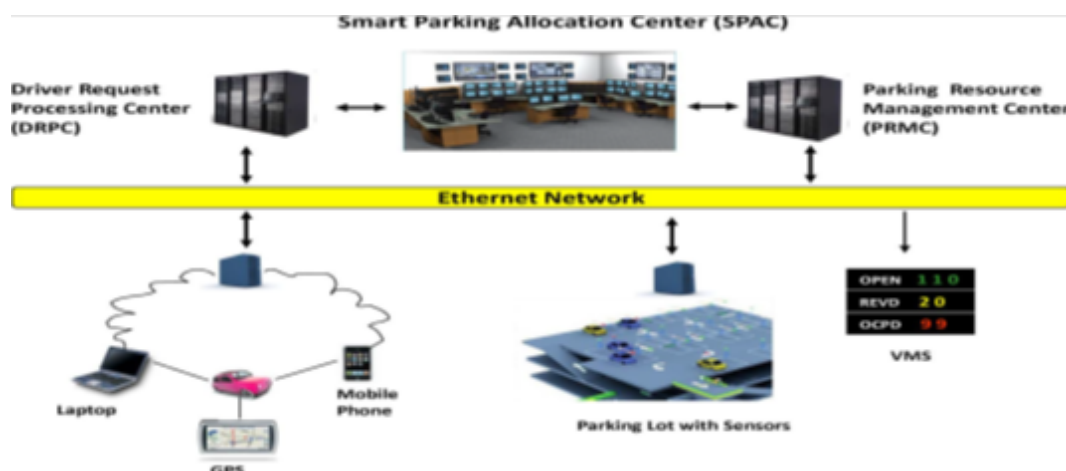


Figure 1.1: Smart parking framework overview

1.3 SYSTEM REALIZATION

The realization of such a smart parking system relies on four main requirements.

1. Parking Space Detection

The system relies on the availability of real-time parking information, based on which it makes and upgrades allocations for drivers. As already mentioned, current sensing technologies provide several options to monitor parking spaces.

2. V2I and I2V Communication

The second requirement involves an effective two-way communication between vehicles and the allocation center (infrastructure): vehicle-to infrastructure (V2I) and infrastructure-to-vehicle (I2V). In our smart parking system, V2I communication involves drivers sending their parking requests, providing driver information, and confirming reservation to the system. I2V communication with the result, then the system reserves that space for him, and the application shows the driving directions to the reserved parking space.

3. Reservation Guarantee

Parking reservations are a key feature of the smart parking system. To implement this function, when a parking spot is reserved by the driver, the system must guarantee that this will not be taken by other vehicles. For off-street parking resources, it is relatively easy to prevent drivers with no reservation from taking the spot that has been reserved by someone else. The system can do ID checking (with RFID technology) at the gate of a garage or a parking lot. If the driver has made a reservation, then the gate opens, and a space number is provided to him. If the driver made no reservation, then he/she either may be allowed to park if there are empty unreserved spaces or is blocked from entering.

4. Optimal Allocation

One of the benefits of the smart parking system is that it determines the best parking space for each driver. This is done through an efficient allocation algorithm executed at the SPAC. In what follows, we will concentrate on the methodology that enables us to make optimal parking space allocations and reservations.

1.4 ORGANIZATION OF REPORT

Chapter 1 - Introduction: This chapter tells about the introduction to Smart Parking System Description , Framework and Realization.

Chapter 2 - Problem Statement and Proposed Solution: This chapter talks about the problem statement and our solution to the problem.

Chapter 3 - Literature Survey: This chapter primarily discusses fundamental study of methods used in Smart Parking System along with brief discussion on related research work.

Chapter 4 - Architecture and Design: This chapter explains advance software engineering where the entire course of the assignment is presented by specialized block diagrams, circuit diagrams, flowcharts .

Chapter 5 - Implementation: This chapter explains about the steps involved in the formation of the project assignment work. It also defined implementation details of the project.

Chapter 6 - Testing: This section mostly deals with the different types of the test cases to establish the validity of the project work.

Chapter 7 - Experiments and Results: The Results and Related Analysis chapter discussed the total outcomes of the project along with the outcomes in terms of graphs and comparison of the proposed method with other methods in the field.

Chapter 8 - Conclusion: This part is largely the sums up the entire project development and it also proposes some of the future enhancement.

Chapter 9 - References: This segment mainly highlights all the journal and case study paper being referred for the development cycle of the project.

Chapter 2

PROBLEM STATEMENT AND PROPOSED SOLUTION

2.1 PROBLEM STATEMENT

In recent research in metropolitan cities the parking management problem can be viewed from several angles. High vehicle density on roads. This results in annoying issue for the drivers to park their vehicles as it is very difficult to find a parking slot. The drivers usually waste time and effort in finding parking space and end up parking their vehicles finding a space on streets. In worst case, people fail to find any parking space especially during peak hours and festive seasons.

2.2 PROPOSED SOLUTION

This paper proposes a Smart Parking Reservation System using RF which provides advanced features like remote parking monitoring, automated guidance, and parking reservation mechanism. The paper describes the overall system architecture of SPARK from hardware to software implementation in the view point of sensor networks. We implemented a full-fledged prototype system for parking management to realize the design functionalities and features mentioned. Here we use IR sensors for monitoring and displaying the status of car parking in LCD. The RF message is fed to microcontroller using UART communication. The RD25 microcontroller processes the requested message and it will check the availability of space in parking area using IR sensor. If the parking slot available means the microcontroller replies with slot no, password and time to be arrival to parking area else controller replies unavailable status to requested Driver.

Four IR-sensors are connected to the controller, which are in turn connected to the respective gates (Ex Enter, Exit). Depending up on the presence of object at the IR at the gates the motor is used to open or close the gates. LCD is used to display required messages, RTC (Real Time Clock) for monitoring time and EEPROM to manage the slots.

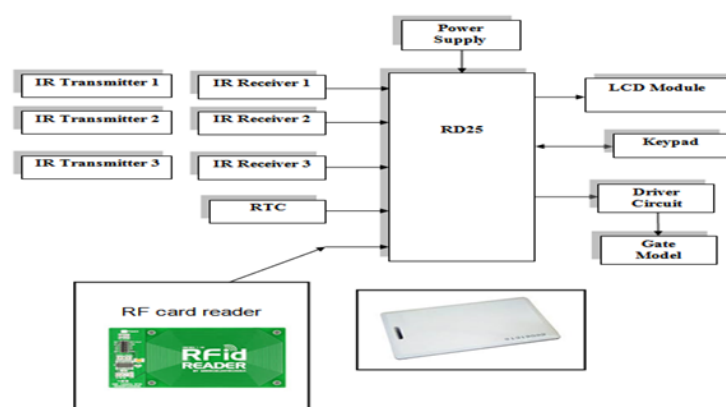


Figure 2.1: Proposed System

2.2.1 System Requirements

Recent increase in the growth of automotive industry coupled with the perpetual demand of commuters urged the need for better and smarter parking mechanisms. Most of the existing parking management systems rarely address the issues of parking space management, vehicle guidance, parking lot reservation etc. This will commonly use of these components.

1. 8051 Development Board

8051 Development Board support major chips From Philips For programming that are flash programmable microcontrollers that supports serial programming of devices. Flash microcontroller can be erased and re-written as many times as possible. Flexibility to reprogram number of times and its low cost make it ideal for use in a wide areas of applications. This product is a combination of intelligent hardware and software. Dimensions: 180mm x 100mm ,Power Supply: AC or DC Adapter 12V, Interface: RS-232, 9-pin D connector ,Data Speed: 9600 bps, 8 bits, no parity, 1 stop, no flow control ,File format: Intel 8-bit HEX ,Program Sockets: 40 pin DIP - 0.6 ,Software: Works on Windows 95, 98, Me, 2000, NT, XP.

2. Pin Description

The AT89C51 is a low-power high performance CMOS 8-bit microcomputer with 4bytes of Flash programmable and Erasable Read only Memory (EPROM).

The AT89C51 provides the following standard features:

- Single supply +5v operation using HMOS technology
- 4096 bytes program memory on-chip (not on 8031)
- 128 bytes data memory on-chip
- Four register banks
- 64 kilo bytes each program and external RAM addressability

- One micro second instruction cycle with 12 MHz crystal
- 32 bidirectional I/O lines organized as four 8-bit
- ports (16 lines on 8031)
- Two 16-bit timer/counter
- Five vector two level interrupt architecture
- A full display serial port
- On chip oscillator and clock circuitry

3. Power Supply

The microcontroller and other devices get power supply from AC to Dc adapter through 7805, 5 volts regulator. The adapter output voltage will be 12V DC non-regulated. The 7805/7812 voltage regulators are used to convert 12 V to 5V/12V DC. The adapter output voltage will be 12V DC non-regulated. The 7805/7812 voltage regulators are used to convert 12 V to 5V/12V DC.

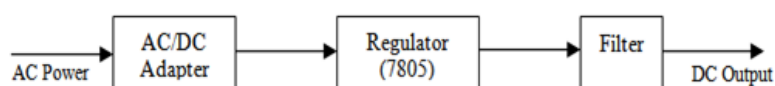


Figure 2.2: Power Supply

4. LCD (LIQUID CRYSTAL DISPLAY)

LCDs can add a lot to your application in terms of providing an useful interface for the user, debugging an application or just giving it a "professional" look. The most common type of LCD controller is the Hitachi 44780 that provides a relatively simple interface between a processor and an LCD. Inexperienced designers do often not attempt using this interface and programmers because it is difficult to find good documentation on the interface, initializing the interface can be a problem and the displays themselves are expensive. LCD has single line display, Two-line display, four line display. Every line has 16 characters.



Figure 2.3: An alphanumeric LCD, with four lines of 16 characters

5. Sensors

Transducers are the basic sensing elements of a measurement system. They are also known as the primary sensing elements. The first block of any measuring instrument is usually

a sensor. No measurement system is complete without a sensor. The transducer basically receives the energy from the measured medium and produces the output depending on the measured quantity. The output of the transducer is some physical variable such as displacement or voltage. This variable is converted into another form such that the signal is not altered.

Active transducer: These transducers have an auxiliary power source which supply the major part of the output power while the input signal supplies only an insignificant portion. There may or may not be a conversion from one form to the other. Eg. Microswitch, electronic amplifier, etc.

Passive transducers: In these transducers the output energy is almost or entirely supplied by its input signal. The output and the input energy may be of the same form, say mechanical or of different form (say mechanical and electrical)

6. Driver Circuit (DC Motor)

Here the driver circuits are used to control the operations of firing unit, laser unit audio reception unit present on the robotic module. Here three types of driver circuits are used they are ground driver, laser driver and motor driver circuit. NR-DC-ECO is high quality low cost DC geared motor. It contains Brass gears and steel pinions to ensure longer life and better wear and tear properties. The gears are fixed on hardened steel spindles polished to a mirror finish. These spindles rotate between bronze plates which ensures silent running. The output shaft rotates in a sintered bushing. The whole assembly is covered with a plastic ring. All the bearings are permanently lubricated and therefore require no maintenance. The motor is screwed to the gear box from inside.



Figure 2.4: 12v 100 rpm DC Geared Motor

7. GSM

In this Project it is proposed to design an embedded system which is used for tracking and positioning of any vehicle by using Global Positioning System (GPS) and Global

system for mobile communication (GSM). The power is supplied to components like GSM, GPS and Micro control circuitry using a 12V/3.2A battery .GSM requires 12v,GPS and microcontroller requires 5v .with the help of regulators we regulate the power between three components.

The GSM air interface provides the physical link between the mobile and the network. GSM is a digital system employing time division multiple access (TDMA) technique and operates at 900 MHz. The CEPT(conference of European post and telecommunication) has made available two frequency bands in the GSM system : (1) 890 MHz for the mobile to base station (up link), and (2) 935 MHz to 960 MHz for the base station to mobile (down link).These 25 MHz bands are divided into 124 pairs of carriers spaced by 200 MHz . Each of the carriers is divided into 8 TDMA time slots of 0.577 m sec length, such that the frame length is 4.615 m sec. the recurrence of each time slot makes up one physical channel, such that each carrier can support eight physical channels, both in uplink down link directions.

Chapter 3

LITERATURE SURVEY

1. Parking Lot Monitoring System (PLMS)

This software module is deployed on microcontroller arduino MEGA 2560. It can detect the presence or absence of a vehicle within the parking lot based on time differences between the transmitted and received signal by the ultrasonic sensor node which emits sound wave every 60 milliseconds [6]. Upon detecting some vehicle's presence within the parking lot consecutively three times, the occupancy of that parking lot by some vehicle is confirmed. Then it takes a snapshot and sends the image to the LPMS for further processing over the Wi-Fi connection as depicted by the work flow diagram in fig. 3. If the vehicle is improperly parked in which case LPMS fails to extract license plate number from the image and then provides PLMS a command to create warning sound through alarm IC for improper parking of vehicle. When it detects the vehicle's exit from the parking lot, it can calculate duration of parking lot's occupancy by the vehicle and report it to LPMS as shown by work flow diagram in fig. 3. Fig 3 also shows that LED is turned on if PLMS receives reservation command for the associated parking lot from LPMS.

2. Local Parking Management System (LPMS)

This module deployed onto the local parking management server available within each parking facility area. It is responsible for monitoring the whole parking facility area. It maintains a record for each parking lot to keep track of its status which can be empty, reserved or occupied.

3. Central Parking Management System (CPMS)

CPMS is deployed on central parking management server which is a high-end server with a global IP [24] to make CPMS available on Internet. Thus it can be communicated over the Internet. It maintains a record for each parking facility to keep track of free parking lots within that parking facility. Therefore, it can provide information on available parking facilities throughout the city along with number of free parking lots through the parking availability information GUI running at the driver's handheld device. When it receives reservation request for a parking lot within some particular facility area from some vehicle

s driver it forwards the request to the corresponding LPMS associated with that parking facility area. Once LPMS has reserved a parking lot and sends the reservation confirmation, CPMS can deliver it to the client application along with payment options.

4. Parking Availability Information and Reservation

This is the client application deployed onto the driver's hand held device. This client GUI enables the driver to obtain information on availability of various parking facilities throughout the city as well as to reserve a parking lot within the suitable parking facility area over the Internet. If reservation is successful, driver is asked for making payment based on duration of reservation. After the payment has been made, the image of the parking facility area displaying reserved parking slot is delivered to the client application.

5. PLRS System

we consider a smart city architecture for EV recharging coordination that is comprised of several micro grids, each having a separate DSO. Each micro grid in turn mainly consists of two type of entities: 1) parking lots capable of charging EVs; and 2) EVs themselves. We categorize EVs into two main groups based on the regularity of their mobility/parking patterns: 1) regular EVs; and 2) irregular EVs. Regular EVs are mostly comprised of commuters who travel daily between their homes and works. They tend to follow a typical pattern every weekday. Some of them start the day in the suburbs while others start in the city center; some come from closer regions while others come from much farther locations. Irregular EVs represent guests from nearby cities, travelers coming to the city from time-to-time, and short non-routine journeys throughout the day (e.g., going to shopping mall, theater, etc.). In contrast to regular EVs, irregular EVs do not follow a typical day-to-day pattern.

Considering these two main EV categories, we divide the PLRS system into two layers 1. The routine layer and 2. The correction layer (or real-time layer) (Fig. 1). The routine layer is responsible for handling the recharging scheduling of regular EVs whose patterns can be predicted based on their past mobility/parking information.

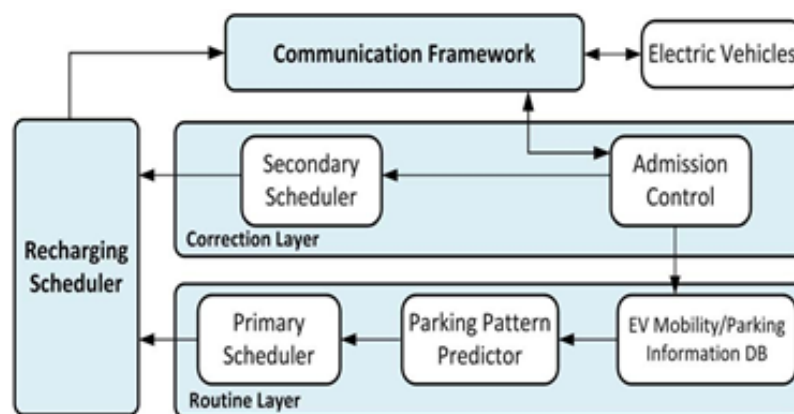


Figure 3.1: PLRS System

Chapter 4

ARCHITECTURE AND DESIGN

4.1 DESIGN OBJECTIVES

Design is the first step in moving from problem domain to the solution domain. Design is essentially the bridge between requirements specification and the final solution. The goal of design process is to produce a model or representation of a system, which can be used later to build that system. The produced model is called the Design of the System. It is a plan for a solution for the system.

4.2 SYSTEM BLOCK DIAGRAM

An Embedded Micro controller kit with gate model will be available. First the vehicle, the Car / Vehicle will come, the Car / Vehicle will have an IR Sensor. Another IR Sensor will be in the gate. So now the Kit identifies that a vehicle has come.

The number of maximum available car / Vehicle parking space will be defined and preprogrammed in the embedded Micro controller kit, for example, let's say 6 numbers. Assume, if already 3 Cars / Vehicles are parked there, so it will compare Existing 3 Cars / Vehicles plus one new car, 4th Space. It will be compared with the maximum number of available space, 4 ; 6, so it will display the message in the LCD You have a Parking Space Available.

There will be a gate for Entry / Exit point for the car / Vehicle. Once after the message is displayed, the LCD will display the IN TIME, of the Vehicle. If the parking space is full, it will calculate the space availability and display the message Parking Space Full, Please Wait. There will be Numeric keypad and the user has to enter / select the vehicle type, for ex 1 for Car, 2 for Van, etc., so now the LCD will display the Rates for the Vehicle types automatically in the LCD Screen, for ex - 1 for Car Rs.20 / Per Hour, 2 for Van Rs.30 / Per Hour.

Once the user selects the option, it will display the ID Number and amount paid. Tariff charges can be payment-based using Debit or dedicated card. At the Exit gate, OUT TIME, will

be displayed and the In time and Out time difference will be automatically calculated and based on the time difference, let say if it is less than one hour, it will open the gate.

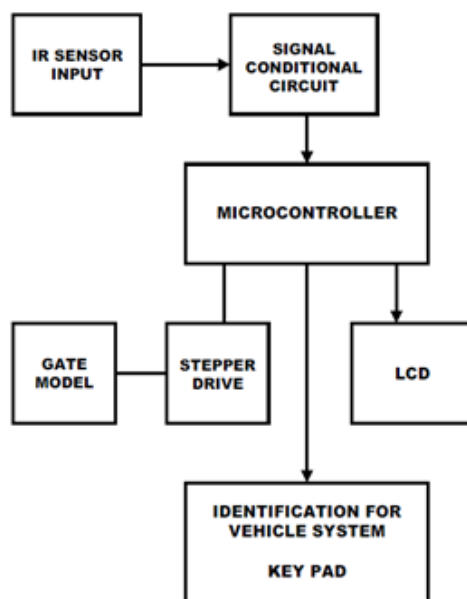


Figure 4.1: Automated Car Parking System with Automatic Gate Opener

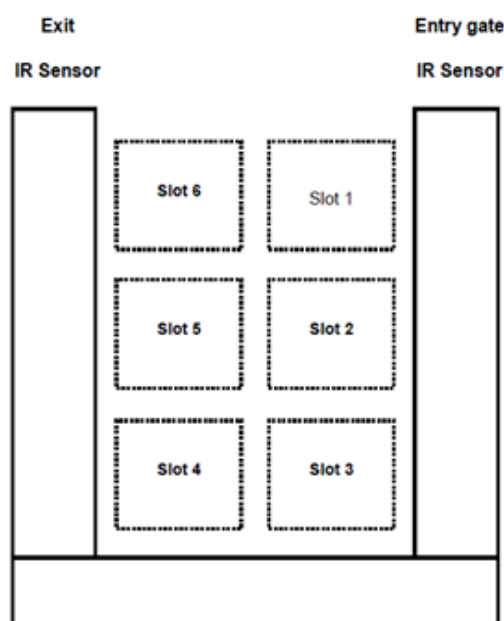


Figure 4.2: Automated Car Parking System with Automatic Gate Opener

4.3 CIRCUIT DIAGRAM

4.3.1 MOTOR DRIVE CIRCUIT

The Device is a monolithic integrated high voltage, high current four channel driver designed to accept standard DTL or TTL logic levels and drive inductive loads (such as relays solenoids,

DC and stepping motors) and switching power transistors. We have used this driver circuit too drive the motors of the robot. Each L293D is used to drive two motors. Two L293Ds are used

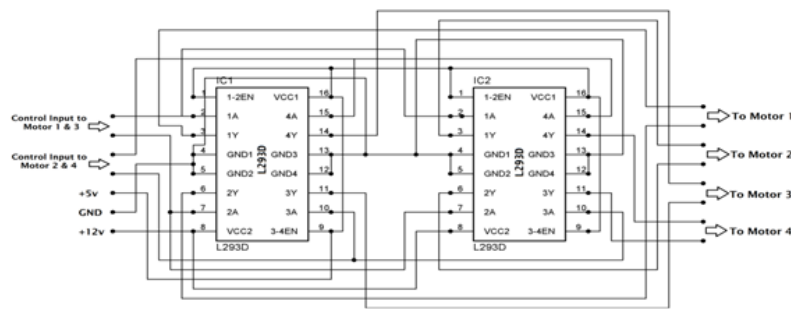


Figure 4.3: Motor Drive Circuit

to drive four motors. When both the inputs are low the motor will be in the halt state, when the first input is high and the second input is low the motor will move in the forward direction, when first input is low and second input is high the motor will move in the reverse direction and when both the inputs are low the motor will be in the halt state.

4.3.2 8051 Controller

8051 Development Board support major chips From Philips For programming that are flash programmable microcontrollers that supports serial programming of devices. Flash microcontroller can be erased and re-written as many times as possible. Flexibility to reprogram number of times and its low cost make it ideal for use in a wide areas of applications. This product is a combination of intelligent hardware and software. Dimensions: 180mm x 100mm ,Power Supply: AC or DC Adapter 12V, Interface: RS-232, 9-pin D connector ,Data Speed: 9600 bps, 8 bits, no parity, 1 stop, no flow control ,File format: Intel 8-bit HEX ,Program Sockets: 40 pin DIP - 0.6 ,Software: Works on Windows 95, 98, Me, 2000, NT, XP.

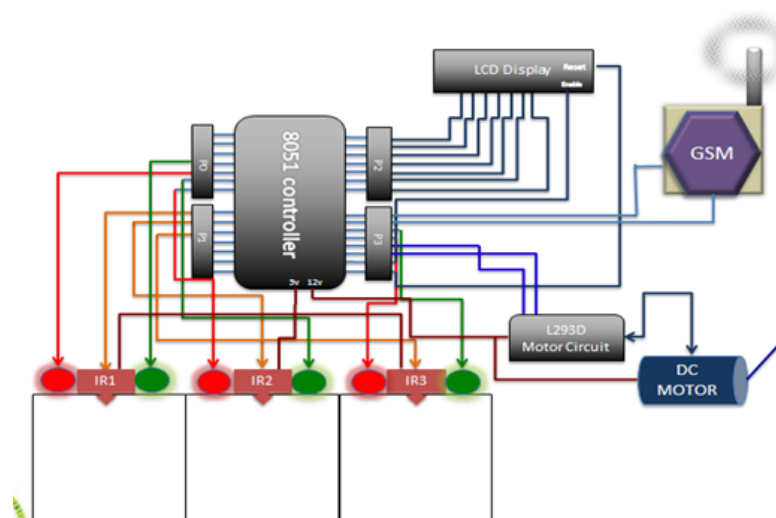


Figure 4.4: 8051 Controller

4.4 FLOWCHART

4.4.1 GSM FLOWCHART

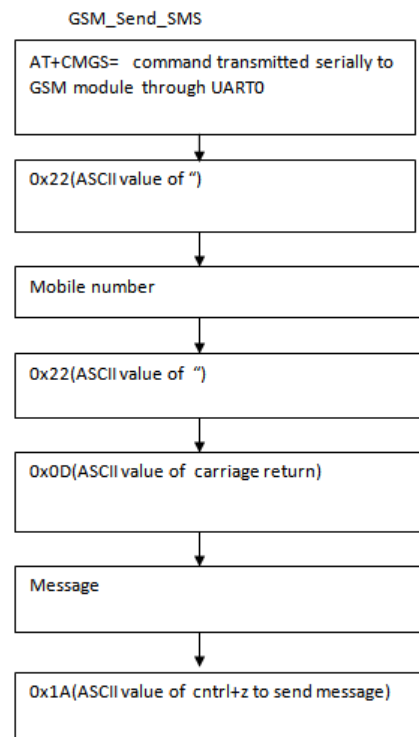


Figure 4.5: GSM Flowchart

4.4.2 LOGIN OPERATION

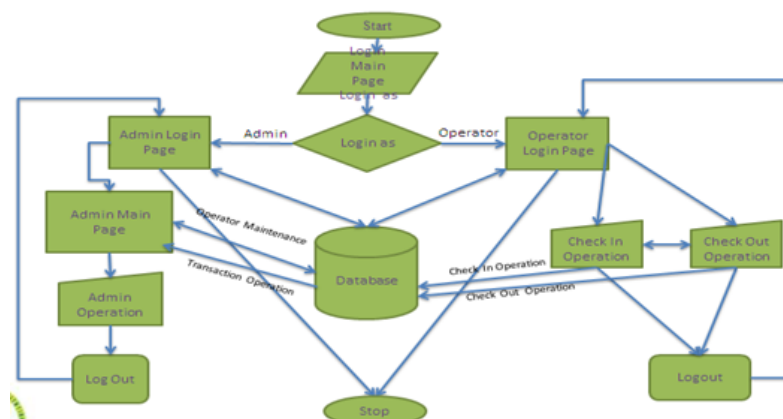


Figure 4.6: Login Operation

4.5 TRACKING DEVICE THROUGH SMART PHONES

In this Project it is proposed to design an embedded system which is used for tracking and positioning of any vehicle by using Global Positioning System (GPS) and Global system for mobile communication (GSM).

In this project AT89S52 microcontroller is used for interfacing to various hardware peripherals. The current design is an embedded application, which will continuously monitor a moving Vehicle and report the status of the Vehicle on demand. For doing so an AT89S52 microcontroller is interfaced serially to a GSM Modem and GPS Receiver. A GSM modem is used to send the position (Latitude and Longitude) of the vehicle from a remote place. The GPS modem will continuously give the data i.e. the latitude and longitude indicating the position of the vehicle. The GPS modem gives many parameters as the output, but only the NMEA data coming out is read and displayed on to the LCD. The same data is sent to the mobile at the other end from where the position of the vehicle is demanded.

The hardware interfaces to microcontroller are LCD display, GSM modem and GPS Receiver. The design uses RS-232 protocol for serial communication between the modems and the microcontroller. A serial driver IC is used for converting TTL voltage levels to RS-232 voltage levels.

This particular project is designed for the cities with heavy traffic. Eg: In Bangalore the roads are full jammed every time. Most of the time the traffic will be at least for 100meters. This is signal offenders nod their head by jumping the signals. This project is designed to track the offenders in a smart way, the existing system is image processing way which is not accurate. Here v use proximity cards and readers every vechile must compulsory install this card.

All the details of the offenders is recorded in the android server. When v send the msg as track the offenders are tracked down.

The project is vehicle positioning and navigation system we can locate the vehicle around the globe with 8052 micro controller, GPS receiver, GSM modem, MAX 232, EEPROM. Microcontroller used is AT89S52. The code is written in the internal memory of Microcontroller i.e. ROM. With help of instruction set it processes the instructions and it acts as interface between GSM and GPS with help of serial communication of 8052. GPS always transmits the data and GSM transmits and receive the data. GPS pin TX is connected to microcontroller via MAX232. GSM pins TX and RX are connected to microcontroller serial ports.

Microcontroller communicates with the help of serial communication. First it takes the data from the GPS receiver and then sends the information to the owner in the form of SMS with help of GSM modem.

GPS receiver works on 9600 baud rate is used to receive the data from space Segment (from Satellites), the GPS values of different Satellites are sent to microcontroller AT89S52, where these are processed and forwarded to GSM. At the time of processing GPS receives only GPRMC values only. From these values microcontroller takes only latitude and longitude values excluding time, altitude, name of the satellite, authentication etc. E.g. LAT: 1728:2470 LOG: 7843.3089 GSM modem with a baud rate 57600. GSM is a Global system for mobile communication in this project it acts as a SMS Receiver and SMS sender. EEPROM is an Electrically Erasable read only memory which stores is used to store the mobile number.

The power is supplied to components like GSM, GPS and Micro control circuitry using a 12V/3.2A battery .GSM requires 12v,GPS and microcontroller requires 5v .with the help of regulators we regulate the power between three components.

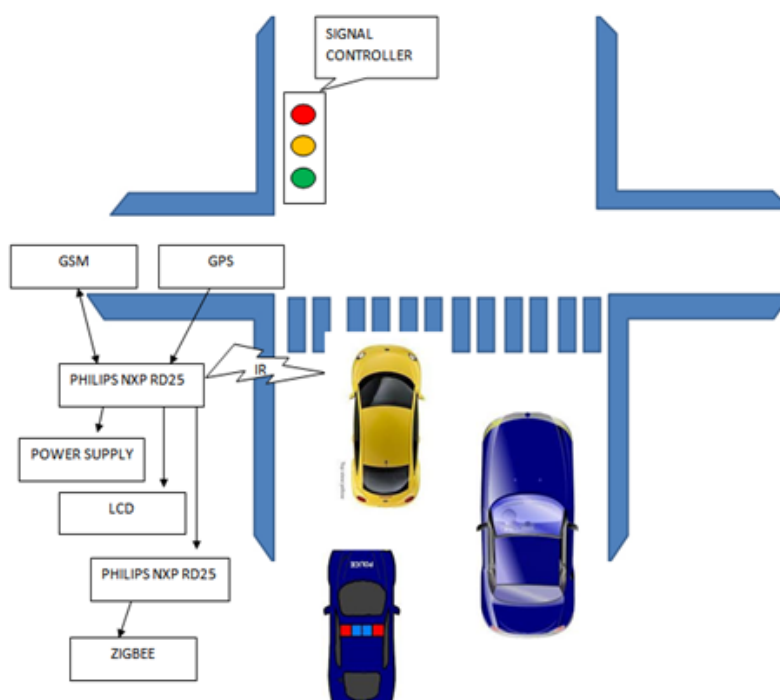


Figure 4.7: Block Diagram



Figure 4.8: Control Room: Android

Chapter 5

IMPLEMENTATION

The execution stage regarding the task is that the complete aim is essentially changed keen on running code. Intend regarding the stage is towards interpreting the aim keen on a finest likely result within an appropriate programming language. In this section, it covers up the execution phase concerning the task, providing particulars regarding the programming language as well as improvement background employed. It as well provides a general idea about the important sections regarding the task by means of its bit by bit course.

The execution phase involves the following tasks:

- Cautious scheduling
- Examination regarding structure as well as constraints
- Aim concerning the techniques towards accomplishing the conversion
- Assessment concerning the conversion technique
- Accurate judgment about the choosing of the proposal
- Suitable choosing regarding the language intended for function growth

5.1 HARDWARE USED

The necessary hardware components used :

1. Microcontroller - P89V51RD2-Phillips
2. PROXIMITY sensors
3. Comparator
4. Red and Green LEDs
5. GSM modem [RS232 based]

6. LCD - 16 x 2
7. GPS Modem
8. 7812/ 7805 voltage regulators for power supply
9. Power supply circuit

5.2 SOFTWARE USED

1. Operating System: Windows 10 (64-bit)
2. Language: Embedded c
3. Keil-c compiler
4. Flash magic burner software.
5. Orcad Capture
6. Orcad Layout

5.3 TECHNICAL SPECIFICATION

- Operating voltage of embedded circuitry is 12vdc
- Current consumption of device in active mode 200mill amp
- Operating frequency of device is 11.0592MHZ

5.3.1 Applications

- Finding Out Signal Offenders In A Accurate Way
- Vehicle tracking system
- Human tracking System
- By doing little modifications, this same project can be used for any other tracking System.

5.3.2 Features of the System

- Provision for reserving a parking slot.
- Entry is prohibited without reservation.
- Automatically cancellation of the reservation after certain time (2Min).
- User-friendly interaction system.

- Automatic cost calculation system.
- Wireless interface between the user and the system.
- Dedicated RTC, EEPROM hardwares for better performance and accuracy.

5.3.3 Advantages

- Cost effective.
- Highly secured.

5.4 IMPLEMENTATION DETAILS

The smart parking system, as described in this paper, has been deployed in a garage at Boston University, which contains 27 parking spaces. At each parking space, we have installed a parking detection sensor on the ground and an LED device for controlling our light system described. A Street line gateway receives data from each sensor in the network and forwards it to an upper level database, which serves as the PRMC with the state (vacant or occupied) of each parking space. The real-time parking information is published and updated on the web and can be obtained by users. Thus, our system still provides the service of a normal PGI with a single parking space.

The state $S = L, R, P, C, D, A$ is defined as follows:

- Light Status (L) = GREEN(G), RED(R), YELLOW_BLINK(BY), RED_BLINK(BR), OFF(O); $Reserved$ NOT_RRESERVED(nRD), RESERVED(RD);
- Parking Status (P) = VACANT(V), OCCUPIED(O);
- Drivers Response Status (C) = YES(Y), NO(N), PENDING(P), TIMEOUT(TO), NULL(NA);
- Drivers Position Status (D) = NEARBY (NR), FAR(FR), NULL(NA);
- Drivers Self-Confirmation Status (A) = CONFIRMED(P), NULL(NA).

5.5 SYSTEM SPECIFICATION

5.5.1 Embedded System

Embedded systems are computers that are integrating within other equipment in such a way that user are often unaware that a computer is present at all. Embedded systems are frequently included within electronics system in cars, homes, offices, production lines and many other places. Internet application and next generation networking and telecommunication equipment will expand still further the spreads of embedded system.

Software for embedded system should be able to run in the small amount of memory and often has to work in real time. Typically the embedded system is made as small as possible and lack many of the facilities expected on a traditional computer. There is no keyboard or displays the software is normally developed on another computer and transferred to the target system, the embedded software provide for real time data handling and processing capability, faster response time and enhanced mobility in the product. It is instrumental in the product delivering highest performance with minimum resources.

Embedded software development involves various real time operating system such VxWorks, pSOS, WinCE, OSE. It also involves C, C++, device driver programming, object oriented methodologies for electronic design, hardware design language like Verilog and Vhdl and many design automation tools like simulator.

Embedded system are electronics devices that incorporate microprocessor with in their implementation. The main purposes of the microprocessors are to simplify system design and provide flexibility. Having a microprocessor in the device means that removing bugs, making modification, or adding new features. And also no matters for writing the software that control the devices. Unlike PCs however, embedded system may not have a disk drive and so the software require either replacing or reprogramming the ROM.

Originally they are used only for expensive industrial control applications, but as technology brought down the cost of dedicated processors, they began to appear in moderately expensive application such as automobiles, communication and office equipment and television. Today's embedded systems are so inexpensive that they are used in almost every electronic product in our life.

Type of Embedded System

- Simple Embedded System
- Complex Embedded System

1. Simple embedded system

These systems use an assembler or cross compiler to develop our application program. After of source file we get an executable file which is ported to the memory of the microcontroller.

2. Complex embedded system

This system uses a RTOS to develop an application. This real time operating system consists of cross compiler, cross assembler, simulator in a single package. Embedded application program provides reliability, cost effective and performance oriented. Reliability expectations place greater responsibility on programmer to eliminate bugs and to design our software tolerates errors. Performance goals are achieved by applying the techniques such as multitasking and scheduling.

5.5.2 Embedded Tool

Normally microcontroller programs are written in assembly language. The tools used for debugging a microcontroller program are termed as embedded tools. They are

- Simulator
- Emulator
- Assembler
- Cross Compiler
- Monitor

1. Simulator

A simulator runs your microcontroller program on a host machine. We can step through the code to see exactly what is happening as the program runs. Contents of registers or variables can be altered to change the way the program runs. Eliminates the erase / burn / program EPROM cycle common in microcontroller program development. A simulator cant support real interrupts or devices, and usually runs much slower than the real device the program is intended for.

2. Emulator

An emulator is a most useful tool you can get your hands on for or intermittent problems. In this case, an emulator is an important debugging tool, but it should not be considered as a part of application development, The big disadvantage of the emulator is that it can only run at slow speed. Another drawback of the emulator is the total reliance on software to provide hardware feature such as timer and serial ports, which means that some event can be missed or some feature cannot be properly tested out in the emulator.

An emulator is a piece hardware that is placed in to an application circuit to allow us to run and observe the operation of the application. It is a hardware debugging tool. The emulator kit consists of bound out chip. This chip is typically an actual microcontroller chip with pads and circuitry accessed that will allow external hardware to control its operation. The cost of this type of emulator is high. But if an application is wired wrong and the bound out chip is damaged, then it can be repaired earlier by user, at a low cost.

3. Assembler

Assembly is a software routine, which is used to convert a source program written in assembly language to machine-readable code. The source program will be written instruction and after compilation we get an executable file, which convert the instructions into corresponding mnemonics. The output file of an assembler is platform dependent. For Intel 8051 it is the form of Hex format, which means the data inside the file will be of hexadecimal values. Usually programmers prefer compiler than assemble for developing their application because of the language ease.

4. Cross Compiler

Cross compiler is software that converts a program written in high level language to machine language on a different platform. For example when a user wants to develop code for 8051 based platform, he loads the cross compiler software to the host machine and after compiling the source file he gets a output file for Intel 8051 platform. Apart from usual header files they also contain header file for each platform. So whether the user wants to develop an application on different platform he needs to include the header file for that platform. There are so many cross compiler available e.g. Keil, Ride, SDCC, Rigel, RXTX51 etc.

5. Monitor

A monitor is a program that controls the execution of an application program and gives a user a view about whats happening. It is a PC running a terminal emulator program.

The Functions of a monitor program are:

- Application loading
- Application execution control
- Single stepping Set, reset and list break point
- Display application code
- Modify application code
- Display scratchpad RAM and registers
- Modify scratchpad RAM and registers

Chapter 6

TESTING

Testing is a process, which reveals errors in the program. It is the major quality measure employed during software development. During testing, the program is executed with a set of conditions known as test cases and the output is evaluated to determine whether the program is performing as expected.

6.0.1 TESTING OBJECTIVES

1. Testing is a process of executing a program with the intent of finding an error.
2. A good test case is one that has a high probability of finding an as yet undiscovered.
3. A successful test is one that uncovers an as yet undiscovered error.

6.0.2 TESTING PRINCIPLES

1. All tests should be traceable to customer requirements.
2. Tests should be planned large before testing begins.
3. Testing should begin In the Small and progress towards In the Large.

6.1 TYPES OF TESTING

In order to make sure that the system does not have errors, the different levels of testing strategies that are applied at differing phases of software development are:

1. Unit Testing

Unit Testing is done on individual modules as they are completed and become executable. It is confined only to the designer's requirements.

2. Integrating Testing

Integration testing ensures that software and subsystems work together as a whole. It tests the interface of all the modules to make sure that the modules behave properly when integrated together.

3. System Testing

Involves in-house testing of the entire system before delivery to the user. Its aim is to satisfy the user the system meets all requirements of the client's specifications.

4. Acceptance Testing

It is a pre-delivery testing in which entire system is tested at client's site on real world data to find errors.

Software testing is the process of testing the functionality and correctness of software by running it. Process of executing a program with the intent of finding an error.

A good test case is one that has a high probability of finding an as yet undiscovered error. A successful test is one that uncovers an as yet undiscovered error.

Software testing is usually performed for two reasons:

- Defect detection
- Reliability estimation

5. Validation

The system has been tested and implemented successfully and thus ensured that all the requirements as listed in the software requirements specification are completely fulfilled. In case of erroneous input corresponding error messages are displayed.

Chapter 7

EXPERIMENTS AND RESULTS

Several experiments are implemented in different scenarios, its results were evaluated using various test cases. The performance of several experiments were computed and the results were compared.

7.1 EXPERIMENTAL RESULTS

1. Client Side

Initially, the user need to install application on his android device. After installation the icon will be displayed on his android mobile screen.

2. Registration and Login

If the user is a new user he needs to get registered with the application by giving all his details. The data which is entered by the user is stored on the server. These details consists user name, email, password, address etc. This registration is done only for the first time. After successful registration he receives a unique login ID both to his mobile and mail. After the user gets registered with the application, the user can login by providing email and unique ID. User gets this unique ID both to users mail and mobile number as soon as he gets registered. If the user gets successfully login to the application then the user is said to be an authorized user.

3. Check for a slot and its status

User login the application where he can view various parking slots in his destination location. User selects his desired parking slot that is nearest to his destination. After selecting a slot the user needs to check for the availability of that respective slot. The user can check the status of the slots with the help of green and red colour indications. Where green colour indicates that the respective slot is empty and the red colour indicates that the respective slot is already allocated to some other user.

4. **Payment and Logout**

On availability of empty slot, the user can confirm his booking of his desired slot. After reserving a particular slot the user can proceed to the payment option or else terminate the entire process. The system requires full payment in advance either through a credit card or a debit card. Hence, the user needs to give all his card details to book his desired slot. After successful payment he receives a slot number, both to his mobile and mail. After utilisation of a particular slot he can move out of the parking area by clearing his payment. He can check all the details in his account and can logout. The user can also leave a feedback to share his experience. Server Side Initially the administrator logs in the application by using his username and password. The administrator has authority to add new users and stores their details in the database which are used for further purpose. On receiving the request at server side by user, the administrator shows all available locations at the nearest requested destination.

5. **Login**

The administrator can login to the application by giving email and password. If the administrator gets successfully login then the administrator is said to be authorized. After getting login to the application the administrator can carry out many tasks such as:

- Adding Parking Locations
- View Parking Locations
- All Users
- View All Bookings
- Users Feedback

6. **Add and view Parking Locations**

The administrator can add different locations where parking slots are available. The user can select any location which is nearest to his destination. The administrator can also delete the locations if he wishes. The administrator can view different locations where parking slots are available and can also check the status of different parking slots.

7. **View All Users and Respective Booked Slots**

The administrator can view all the users who are using the application and can also check the booking details such as the time and date at which the user requires a slot, number of hours a user is using the allocated slot, at which location he requires a slot etc., The administrator can view all the reserved slots of all registered users. The administrator takes this as a reference for further allocation.

8. **Users Feedback and Logout**

The administrator can take feedback from different users. He can either reply to the

users feedback messages or simple delete them. The administrator can move out of the application by simply clicking on logout button. He can check all the details in his account and can logout.

This section shows the result of the execution of the project code.

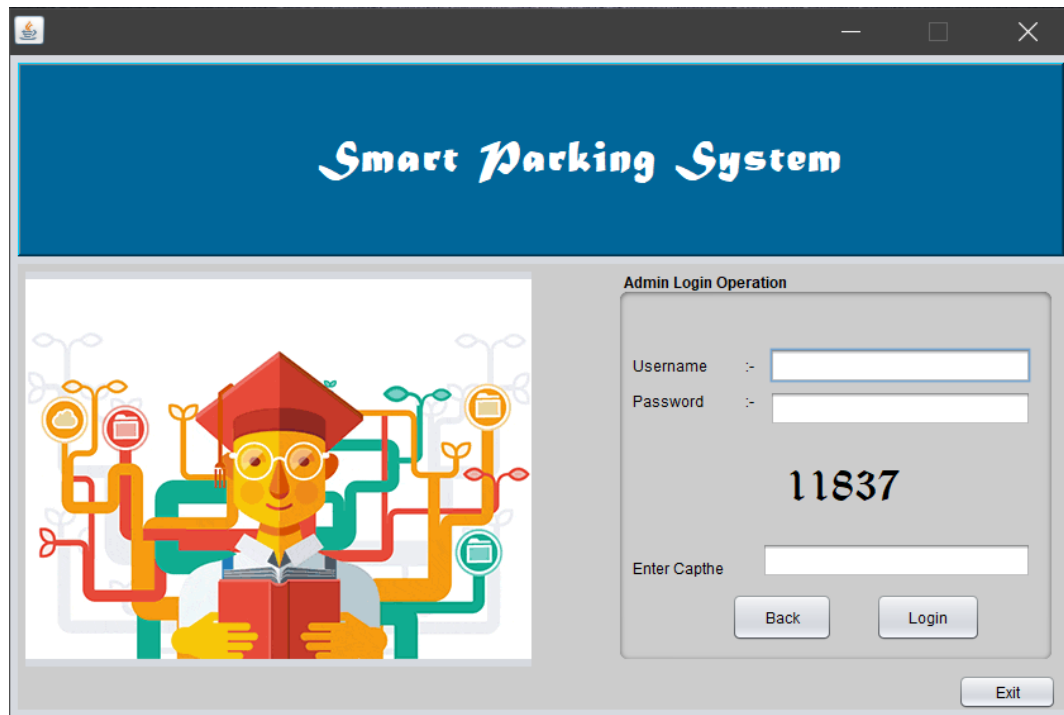


Figure 7.1: Admin Login

Smart Parking System

Add Operator

Operator Id : OPR2019435547

Operator Name : Operator1

Date Of Birth : 30-08-1996

Gender : Male

Basic Qualification : BE-CSE

Address : Kumaraswamy laout

Email : xyz@gmail.com

Phone Number : 8974658989

Operator Username : Operator1

Operator Password : PW5547

Operator Acknowledgement

Operator Name :Operator1

Operator ID :OPR2019435547

Operator UserName :Operator1

Operator Password :PW5547

~*Disclaimer*~

Do not Share these information with others
these information are confidential
1:Change Your Password once you login
2:Chage Your Password Regularly

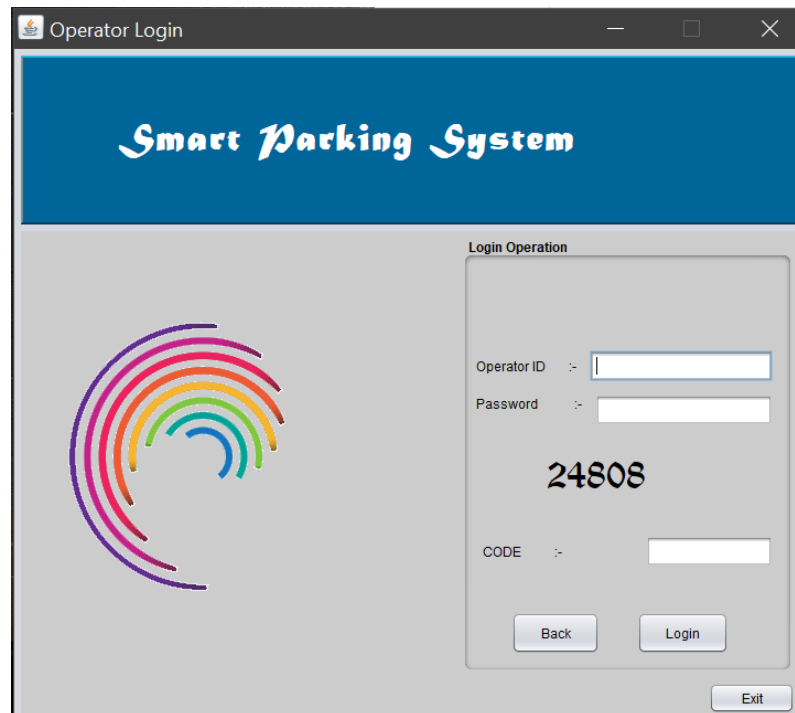
****Never Share your details with anybody**

Print

Figure 7.2: Add Operator



Figure 7.3: Admin Main Page



The 'Operator Login' window features a blue header with the 'Smart Parking System' logo. On the left is a colorful rainbow logo. The 'Login Operation' section on the right contains input fields for 'Operator ID', 'Password', and 'CODE'. The 'Password' field is masked with the characters '24808'. Below these fields are 'Back', 'Login', and 'Exit' buttons.

Operator Login

Smart Parking System

Login Operation

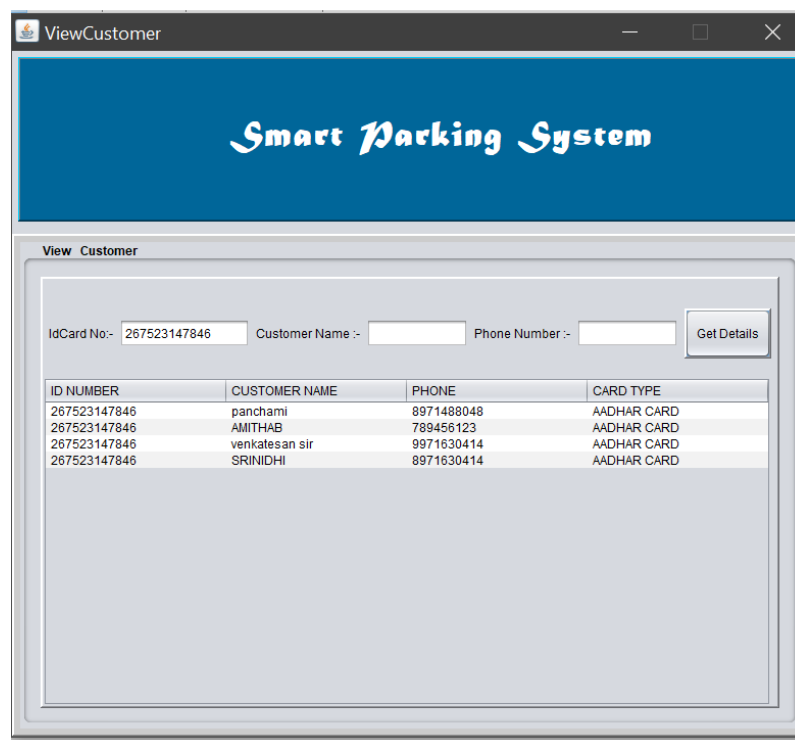
Operator ID :-

Password :-

CODE :-

Back Login Exit

Figure 7.4: Operator Login



The 'ViewCustomer' window has a blue header with the 'Smart Parking System' logo. Below the header, the 'View Customer' section includes input fields for 'IdCard No:-', 'Customer Name :-', and 'Phone Number :-', along with a 'Get Details' button. A table below displays customer information.

ViewCustomer

Smart Parking System

View Customer

IdCard No:- 267523147846 Customer Name :- Phone Number :- Get Details

ID NUMBER	CUSTOMER NAME	PHONE	CARD TYPE
267523147846	panchami	8971488048	AADHAR CARD
267523147846	AMITHAB	789456123	AADHAR CARD
267523147846	venkatesan sir	9971630414	AADHAR CARD
267523147846	SRINIDHI	8971630414	AADHAR CARD

Figure 7.5: View Customer



Figure 7.6: Login

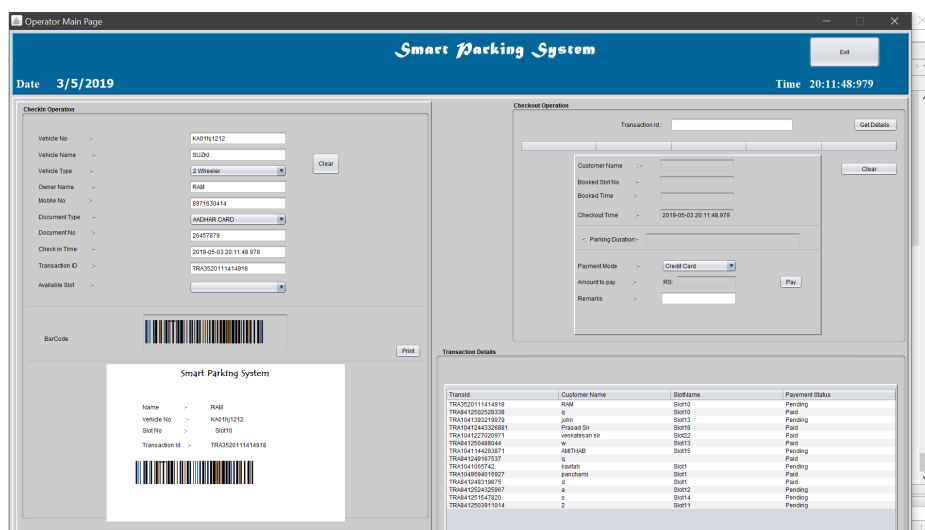


Figure 7.7: Checkin

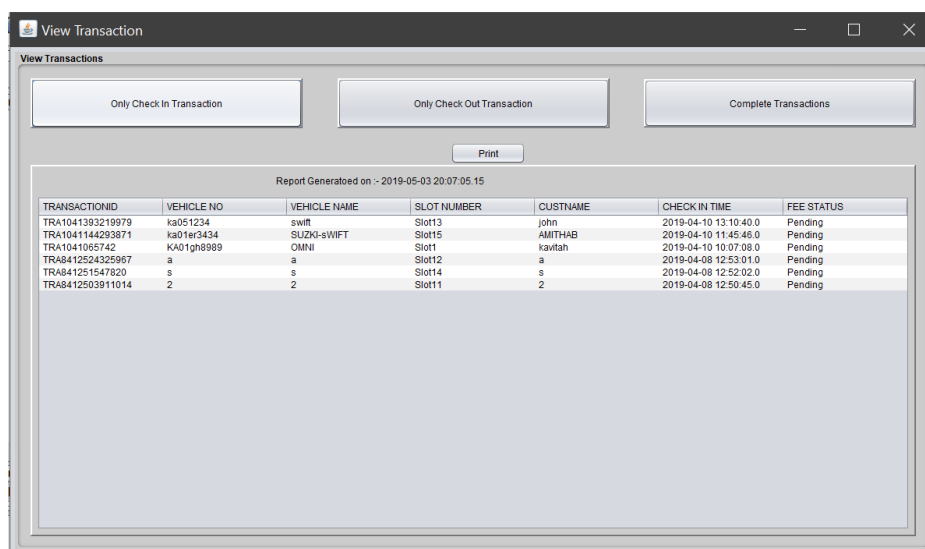


Figure 7.8: Checkin Transaction

Balance Transaction Details

Smart Parking System

Balance Transaction

Time Stamp : 2019-05-03 20:14:08.03

Total Number of Transaction :- 14

Total Number of Customers :- 14

Total Credited Balance :- 1750

No of Due Customers :- 6

No of Fee Paid Customers :- 8

Get Details to Print Area

Smart Parking System

Report Generated at : 2019-05-03 20:14:08.03

Total Number of Transaction :- 14

Total Number of Customers :- 14

Total Credited Balance :- 1750

No of Due Customers :- 6

No of Fee Paid Customers :- 8

Signature

2019-05-03 20:14:08.03

Print

Figure 7.9: Balance Sheet

View Transaction

View Transactions

Only Check In Transaction Only Check Out Transaction Complete Transactions

Print

Report Generated on :- 2019-05-03 20:07:05.15

TRANSACTIONID	VEHICLE NO	VEHICLE NAME	SLOT NUMBER	CUSTNAME	CHECK IN TIME	FEE STATUS
TRA1041393219979	ka051234	swift	Slot13	john	2019-04-10 13:10:40.0	Pending
TRA1041144293871	ka01er3434	SUZUKI-SWIFT	Slot15	AMITHAB	2019-04-10 11:45:46.0	Pending
TRA1041085742	KA01gh8989	OMNI	Slot1	kavitha	2019-04-10 10:07:08.0	Pending
TRA841254325967	a	a	Slot12	a	2019-04-08 12:53:01.0	Pending
TRA841251547820	s	s	Slot14	s	2019-04-08 12:52:02.0	Pending
TRA8412503911014	2	2	Slot11	2	2019-04-08 12:50:45.0	Pending

Figure 7.10: Checkout Transaction

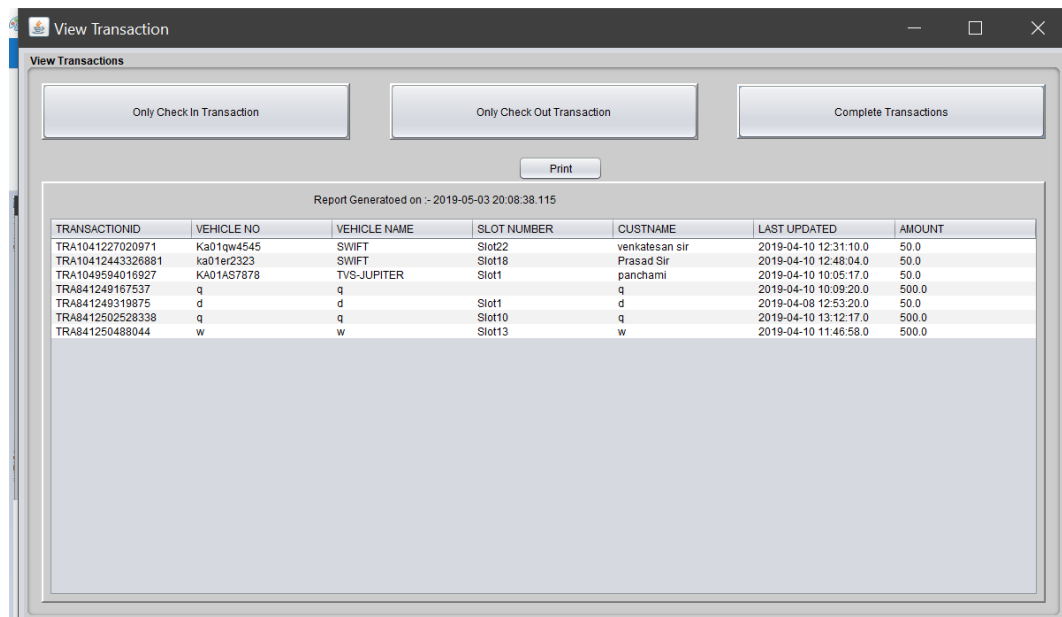


Figure 7.11: Complete Transaction

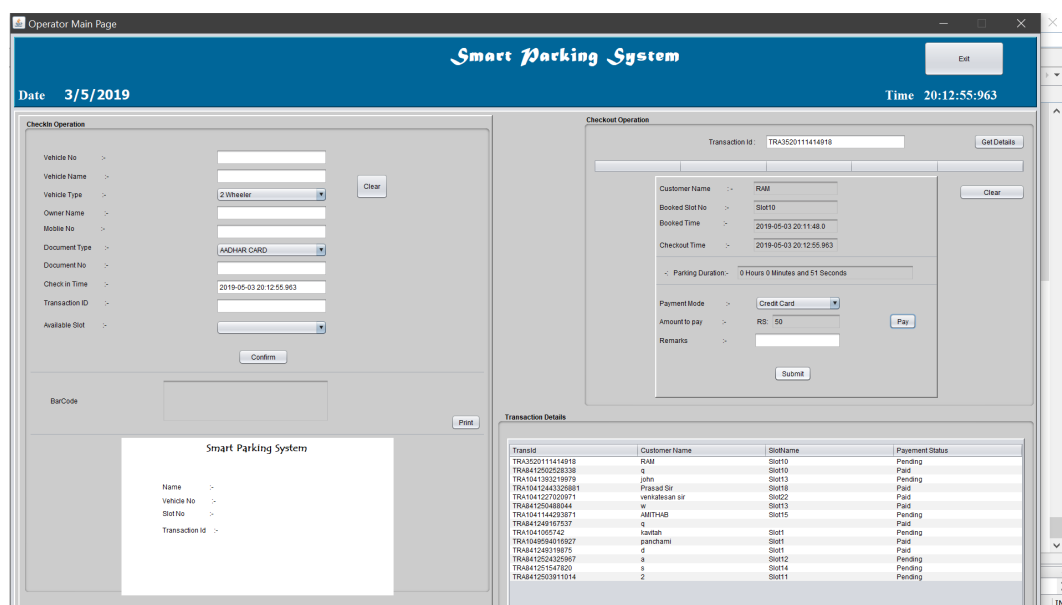


Figure 7.12: Check Out

Chapter 8

CONCLUSION

Smart parking systems gives rise to new solutions with the help of Internet of things . The system have always been at the core of constructing smart cities.

- The system provides real time information regarding availability of parking slots in a particular parking area. With the help of this mobile application user can book a parking slot using android devices.
- The details of the slot such as slot number and whether the slots are vacant or parked is given to the user as text. The slots are updated.
- The proposed system also enables the automatic collection of parking charges by providing smart payment options to the driver.
- We conclude that the proposed smart parking system can alleviate traffic congestion caused parking searching and reduce the amount of traffic volume searching for parking.
- Thus it reduces the risk of finding the parking slots in any parking area and also it eliminates unnecessary travelling of vehicles across the filled parking slots in a city. So it reduces time and it is cost effective also.

FUTURE ENHANCEMENT

In future, an android application will be developed for the user to choose the desired slot and fix the slot for an approximate time of 15 minutes. If the user cannot reach the parking at desired time then the slot will be reallocated and will be updated in the sensors.

The future scope to adopt this Smart Parking System (SPS) so that availability of spaces could be displayed on a smart phone Application or even to satellite navigation device so that drivers will always aware of whether there are free spaces are not. And also enhance to send some notifications to users smart phone when vehicle enters to particular shopping places and some streets in a city etc.

Chapter 9

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Appendix A

CODE

Admin Main Page Form

```
<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.
  JFrameFormInfo">
  <NonVisualComponents>
    <Component class="javax.swing.JMenuItem" name="jMenuItem17">
      <Properties>
        <Property name="text" type="java.lang.String" value="jMenuItem17"/>
      </Properties>
    </Component>
    <Menu class="javax.swing.JMenuBar" name="jMenuBar1">
      <SubComponents>
        <Menu class="javax.swing.JMenu" name="jMenu1">
          <Properties>
            <Property name="border" type="javax.swing.border.Border" editor="org.
              netbeans.modules.form.editors2.BorderEditor">
              <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo">
                <BevelBorder/>
              </Border>
            </Property>
            <Property name="text" type="java.lang.String" value=" Profile "/>
            <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
              editors.FontEditor">
              <Font name="Times New Roman" size="24" style="1"/>
            </Property>
```

```
</Properties>
<SubComponents>
  <MenuItem class="javax.swing.JMenuItem" name="jMenuItem1">
    <Properties>
      <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo
        .editors.FontEditor">
        <Font name="Times New Roman" size="24" style="0"/>
      </Property>
      <Property name="text" type="java.lang.String" value=" Update Details
        "/>
      <Property name="border" type="javax.swing.border.Border" editor="org.
       .netbeans.modules.form.editors2.BorderEditor">
        <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo
          ">
          <BevelBorder/>
        </Border>
      </Property>
    </Properties>
    <Events>
      <EventHandler event="actionPerformed" listener="java.awt.event.
        ActionListener" parameters="java.awt.event.ActionEvent" handler="
        jMenuItem1ActionPerformed"/>
    </Events>
  </MenuItem>
  <MenuItem class="javax.swing.JMenuItem" name="jMenuItem2">
    <Properties>
      <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo
        .editors.FontEditor">
        <Font name="Times New Roman" size="24" style="0"/>
      </Property>
      <Property name="text" type="java.lang.String" value=" Change Password
        "/>
      <Property name="border" type="javax.swing.border.Border" editor="org.
       .netbeans.modules.form.editors2.BorderEditor">
        <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo
          ">
          <BevelBorder/>
        </Border>
      </Property>
    </Properties>
    <Events>
```



```

        <EventHandler event="actionPerformed" listener="java.awt.event.
            ActionListener" parameters="java.awt.event.ActionEvent" handler="
                jMenuItem2ActionPerformed" />
    </Events>
</MenuItem>
<MenuItem class="javax.swing.JMenuItem" name="jMenuItem3">
    <Properties>
        <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo
            .editors.FontEditor">
            <Font name="Times New Roman" size="24" style="1" />
        </Property>
        <Property name="text" type="java.lang.String" value=" Logout" />
        <Property name="border" type="javax.swing.border.Border" editor="org.
            netbeans.modules.form.editors2.BorderEditor">
            <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo
                ">
                <BevelBorder />
            </Border>
        </Property>
    </Properties>
    <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.
            ActionListener" parameters="java.awt.event.ActionEvent" handler="
                jMenuItem3ActionPerformed" />
    </Events>
</MenuItem>
</SubComponents>
</Menu>
<Menu class="javax.swing.JMenu" name="jMenu2">
    <Properties>
        <Property name="border" type="javax.swing.border.Border" editor="org.
            netbeans.modules.form.editors2.BorderEditor">
            <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo">
                <BevelBorder />
            </Border>
        </Property>
        <Property name="text" type="java.lang.String" value=" Infrastructure " />
        <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
            editors.FontEditor">
            <Font name="Times New Roman" size="24" style="1" />
        </Property>

```

```
</Properties>
<SubComponents>
  <MenuItem class="javax.swing.JMenuItem" name="jMenuItem16">
    <Properties>
      <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo
        .editors.FontEditor">
        <Font name="Times New Roman" size="24" style="0"/>
      </Property>
      <Property name="text" type="java.lang.String" value=" Infrastructure
        Details "/>
    </Properties>
    <Events>
      <EventHandler event="actionPerformed" listener="java.awt.event.
        ActionListener" parameters="java.awt.event.ActionEvent" handler="
        jMenuItem16ActionPerformed"/>
    </Events>
  </MenuItem>
</SubComponents>
</Menu>
<Menu class="javax.swing.JMenu" name="jMenu3">
  <Properties>
    <Property name="border" type="javax.swing.border.Border" editor="org.
     .netbeans.modules.form.editors2.BorderEditor">
      <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo">
        <BevelBorder/>
      </Border>
    </Property>
    <Property name="text" type="java.lang.String" value=" Customer Details "/>
    <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
      editors.FontEditor">
      <Font name="Times New Roman" size="24" style="1"/>
    </Property>
  </Properties>
  <SubComponents>
    <MenuItem class="javax.swing.JMenuItem" name="jMenuItem6">
      <Properties>
        <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo
          .editors.FontEditor">
          <Font name="Times New Roman" size="24" style="0"/>
        </Property>
```

```
<Property name="text" type="java.lang.String" value="View Customers
    "/>
</Properties>
<Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
        ActionListener" parameters="java.awt.event.ActionEvent" handler="
            jMenuItem6ActionPerformed" />
    </Events>
</MenuItem>
</SubComponents>
</Menu>
<Menu class="javax.swing.JMenu" name="jMenu7">
    <Properties>
        <Property name="border" type="javax.swing.border.Border" editor="org.
            netbeans.modules.form.editors2.BorderEditor">
            <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo">
                <BevelBorder/>
            </Border>
        </Property>
        <Property name="text" type="java.lang.String" value=" Operator Details "/>
        <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
            editors.FontEditor">
            <Font name="Times New Roman" size="24" style="1"/>
        </Property>
    </Properties>
    <SubComponents>
        <MenuItem class="javax.swing.JMenuItem" name="jMenuItem7">
            <Properties>
                <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
                    editors.FontEditor">
                    <Font name="Times New Roman" size="24" style="0"/>
                </Property>
                <Property name="text" type="java.lang.String" value="Add Operators"/>
            </Properties>
            <Events>
                <EventHandler event="actionPerformed" listener="java.awt.event.
                    ActionListener" parameters="java.awt.event.ActionEvent" handler="
                        jMenuItem7ActionPerformed" />
            </Events>
        </MenuItem>
        <MenuItem class="javax.swing.JMenuItem" name="jMenuItem8">
```

```
<Properties>
  <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo
    .editors.FontEditor" >
    <Font name="Times New Roman" size="24" style="0" />
  </Property>
  <Property name="text" type="java.lang.String" value="Update Operators
    " />
</Properties>
<Events>
  <EventHandler event="actionPerformed" listener="java.awt.event.
    ActionListener" parameters="java.awt.event.ActionEvent" handler="
    jMenuItem8ActionPerformed" />
</Events>
</MenuItem>
<MenuItem class="javax.swing.JMenuItem" name="jMenuItem9" >
  <Properties>
    <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo
      .editors.FontEditor" >
      <Font name="Times New Roman" size="24" style="0" />
    </Property>
    <Property name="text" type="java.lang.String" value="Delete Operators
      " />
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
      ActionListener" parameters="java.awt.event.ActionEvent" handler="
      jMenuItem9ActionPerformed" />
  </Events>
</MenuItem>
</SubComponents>
</Menu>
<Menu class="javax.swing.JMenu" name="jMenu4" >
  <Properties>
    <Property name="border" type="javax.swing.border.Border" editor="org.
     .netbeans.modules.form.editors2.BorderEditor" >
      <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo" >
        <BevelBorder />
      </Border>
    </Property>
    <Property name="text" type="java.lang.String" value=" Vehicle Details " />
```

```
<Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
    editors.FontEditor" >
    <Font name="Times New Roman" size="24" style="1" />
</Property>
</Properties>
<SubComponents>
    <MenuItem class="javax.swing.JMenuItem" name="jMenuItem10">
        <Properties>
            <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
                editors.FontEditor" >
                <Font name="Times New Roman" size="24" style="0" />
            </Property>
            <Property name="text" type="java.lang.String" value="View Vehicles" />
        </Properties>
        <Events>
            <EventHandler event="actionPerformed" listener="java.awt.event.
                ActionListener" parameters="java.awt.event.ActionEvent" handler="
                jMenuItem10ActionPerformed" />
        </Events>
    </MenuItem>
</SubComponents>
</Menu>
<Menu class="javax.swing.JMenu" name="jMenu9">
    <Properties>
        <Property name="border" type="javax.swing.border.Border" editor="org.
           .netbeans.modules.form.editors2.BorderEditor" >
            <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo" >
                <BevelBorder />
            </Border>
        </Property>
        <Property name="text" type="java.lang.String" value=" Transaction Details
            " />
        <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
            editors.FontEditor" >
            <Font name="Times New Roman" size="24" style="1" />
        </Property>
    </Properties>
    <SubComponents>
        <MenuItem class="javax.swing.JMenuItem" name="jMenuItem15">
            <Properties>
```

```

    <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo
        .editors.FontEditor" >
        <Font name="Times New Roman" size="24" style="0" />
    </Property>
    <Property name="text" type="java.lang.String" value=" View Transaction
        " />
    <Property name="border" type="javax.swing.border.Border" editor="org.
       .netbeans.modules.form.editors2.BorderEditor" >
        <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo
            ">
            <BevelBorder />
        </Border>
    </Property>
</Properties>
<Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
        ActionListener" parameters="java.awt.event.ActionEvent" handler="
            jMenuItem15ActionPerformed" />
</Events>
</MenuItem>
</SubComponents>
</Menu>
<Menu class="javax.swing.JMenu" name="jMenu5" >
    <Properties>
        <Property name="border" type="javax.swing.border.Border" editor="org.
           .netbeans.modules.form.editors2.BorderEditor" >
            <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo" >
                <BevelBorder />
            </Border>
        </Property>
        <Property name="text" type="java.lang.String" value="Finance " />
        <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
            editors.FontEditor" >
            <Font name="Times New Roman" size="24" style="1" />
        </Property>
    </Properties>
    <SubComponents>
        <MenuItem class="javax.swing.JMenuItem" name="jMenuItem18" >
            <Properties>
                <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo
                    .editors.FontEditor" >

```

```
<Font name="Times New Roman" size="24" style="0"/>
</Property>
<Property name="text" type="java.lang.String" value="Balance Sheet"/>
</Properties>
</MenuItem>
</SubComponents>
</Menu>
<Menu class="javax.swing.JMenu" name="jMenu6">
  <Properties>
    <Property name="border" type="javax.swing.border.Border" editor="org.
      netbeans.modules.form.editors2.BorderEditor">
      <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo">
        <BevelBorder/>
      </Border>
    </Property>
    <Property name="text" type="java.lang.String" value="Developer Details"/>
    <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
      editors.FontEditor">
      <Font name="Times New Roman" size="24" style="1"/>
    </Property>
  </Properties>
  <SubComponents>
    <MenuItem class="javax.swing.JMenuItem" name="jMenuItem12">
      <Properties>
        <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
          editors.FontEditor">
          <Font name="Times New Roman" size="24" style="0"/>
        </Property>
        <Property name="text" type="java.lang.String" value="Development
          Details"/>
      </Properties>
      <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.
          ActionListener" parameters="java.awt.event.ActionEvent" handler="
            jMenuItem12ActionPerformed"/>
      </Events>
    </MenuItem>
    <MenuItem class="javax.swing.JMenuItem" name="jMenuItem13">
      <Properties>
        <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
          editors.FontEditor">
```

```

        <Font name="Times New Roman" size="24" style="0"/>
    </Property>
    <Property name="text" type="java.lang.String" value="Developers Details
        " />
</Properties>
<Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
        ActionListener" parameters="java.awt.event.ActionEvent" handler="
        jMenuItem13ActionPerformed" />
</Events>
</MenuItem>
</SubComponents>
</Menu>
</SubComponents>
</Menu>
</NonVisualComponents>
<Properties>
    <Property name="defaultCloseOperation" type="int" value="2" />
    <Property name="title" type="java.lang.String" value="AdminMainPage" />
    <Property name="preferredSize" type="java.awt.Dimension" editor="org.netbeans.
        beaninfo.editors.DimensionEditor" >
        <Dimension value="[15000, 10000]" />
    </Property>
    <Property name="resizable" type="boolean" value="false" />
</Properties>
<SyntheticProperties>
    <SyntheticProperty name="menuBar" type="java.lang.String" value="jMenuBar1" />
    <SyntheticProperty name="formSizePolicy" type="int" value="1" />
    <SyntheticProperty name="generateCenter" type="boolean" value="false" />
</SyntheticProperties>
<AuxValues>
    <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0" />
    <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
        value="false" />
    <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true
        " />
    <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
        value="false" />
    <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean" value="false
        " />

```



```
<AuxValue name="FormSettings.layoutCodeTarget" type="java.lang.Integer" value
    ="1"/>
<AuxValue name="FormSettings.listenerGenerationStyle" type="java.lang.Integer" value
    ="0"/>
<AuxValue name="FormSettings.variablesLocal" type="java.lang.Boolean" value="false
    "/>
<AuxValue name="FormSettings.variablesModifier" type="java.lang.Integer" value
    ="2"/>
</AuxValues>

<Layout>
  <DimensionLayout dim="0">
    <Group type="103" groupAlignment="0" attributes="0">
      <Component id="jLabel1" alignment="0" max="32767" attributes="0"/>
    </Group>
  </DimensionLayout>
  <DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
      <Component id="jLabel1" alignment="0" max="32767" attributes="0"/>
    </Group>
  </DimensionLayout>
</Layout>
<SubComponents>
  <Component class="javax.swing.JButton" name="jButton1">
    <Properties>
      <Property name="text" type="java.lang.String" value="jButton1"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JButton" name="jButton2">
    <Properties>
      <Property name="text" type="java.lang.String" value="jButton2"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel1">
    <Properties>
      <Property name="icon" type="javax.swing.Icon" editor="org.netbeans.modules.form
        .editors2.IconEditor">
        <Image iconType="3" name="/images/Karconnect.gif"/>
      </Property>
    </Properties>
  </Component>
```

```
</SubComponents>
</Form>
```

Admin Main Page

```
package sps.standalone;
```

```
import javax.swing.JOptionPane;
```

```
public class AdminMainPage extends javax.swing.JFrame {
```

```
    public AdminMainPage() {
        initComponents();
    }
```

```
    @SuppressWarnings("unchecked")
```

```
    // <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN:
```

```
        initComponents
```

```
    private void initComponents() {
```

```
        jMenuItem17 = new javax.swing.JMenuItem();
```

```
        jButton1 = new javax.swing.JButton();
```

```
        jButton2 = new javax.swing.JButton();
```

```
        jLabel1 = new javax.swing.JLabel();
```

```
        jMenuBar1 = new javax.swing.JMenuBar();
```

```
        jMenu1 = new javax.swing.JMenu();
```

```
        jMenuItem1 = new javax.swing.JMenuItem();
```

```
        jMenuItem2 = new javax.swing.JMenuItem();
```

```
        jMenuItem3 = new javax.swing.JMenuItem();
```

```
        jMenu2 = new javax.swing.JMenu();
```

```
        jMenuItem16 = new javax.swing.JMenuItem();
```

```
        jMenu3 = new javax.swing.JMenu();
```

```
        jMenuItem6 = new javax.swing.JMenuItem();
```

```
        jMenu7 = new javax.swing.JMenu();
```

```
        jMenuItem7 = new javax.swing.JMenuItem();
```

```
        jMenuItem8 = new javax.swing.JMenuItem();
```

```
        jMenuItem9 = new javax.swing.JMenuItem();
```

```
        jMenu4 = new javax.swing.JMenu();
```

```
        jMenuItem10 = new javax.swing.JMenuItem();
```

```
jMenu9 = new javax.swing.JMenu();
jMenuItem15 = new javax.swing.JMenuItem();
jMenu5 = new javax.swing.JMenu();
jMenuItem18 = new javax.swing.JMenuItem();
jMenu6 = new javax.swing.JMenu();
jMenuItem12 = new javax.swing.JMenuItem();
jMenuItem13 = new javax.swing.JMenuItem();

jMenuItem17.setText("jMenuItem17");

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
setTitle("AdminMainPage");
setPreferredSize(new java.awt.Dimension(15000, 10000));
setResizable(false);

jButton1.setText("jButton1");

jButton2.setText("jButton2");

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/
Karconnect.gif"))); // NOI18N

jMenu1.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.
    BevelBorder.RAISED));
jMenu1.setText(" Profile ");
jMenu1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jMenuItem1.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
jMenuItem1.setText(" Update Details ");
jMenuItem1.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.
    border.BevelBorder.RAISED));
jMenuItem1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem1ActionPerformed(evt);
    }
});
jMenu1.add(jMenuItem1);

jMenuItem2.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
jMenuItem2.setText(" Change Password");
```

```
jMenuItem2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.
border.BevelBorder.RAISED));
jMenuItem2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem2ActionPerformed(evt);
    }
});
jMenu1.add(jMenuItem2);

jMenuItem3.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jMenuItem3.setText(" Logout");
jMenuItem3.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.
border.BevelBorder.RAISED));
jMenuItem3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem3ActionPerformed(evt);
    }
});
jMenu1.add(jMenuItem3);

jMenuBar1.add(jMenu1);

jMenu2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.
BevelBorder.RAISED));
jMenu2.setText(" Infrastructure ");
jMenu2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jMenuItem16.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
jMenuItem16.setText(" Infrastructure Details ");
jMenuItem16.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem16ActionPerformed(evt);
    }
});
jMenu2.add(jMenuItem16);

jMenuBar1.add(jMenu2);

jMenu3.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.
BevelBorder.RAISED));
jMenu3.setText(" Customer Details ");
```

```
jMenu3.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jMenuItem6.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
jMenuItem6.setText("View Customers ");
jMenuItem6.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem6ActionPerformed(evt);
    }
});
jMenu3.add(jMenuItem6);

jMenuBar1.add(jMenu3);

jMenu7.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.
    BevelBorder.RAISED));
jMenu7.setText(" Operator Details ");
jMenu7.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jMenuItem7.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
jMenuItem7.setText("Add Operators");
jMenuItem7.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem7ActionPerformed(evt);
    }
});
jMenu7.add(jMenuItem7);

jMenuItem8.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
jMenuItem8.setText("Update Operators ");
jMenuItem8.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem8ActionPerformed(evt);
    }
});
jMenu7.add(jMenuItem8);

jMenuItem9.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
jMenuItem9.setText("Delete Operators ");
jMenuItem9.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem9ActionPerformed(evt);
    }
});
```

```
        }
    });
    jMenu7.add(jMenuItem9);

    jMenuBar1.add(jMenu7);

    jMenu4.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.
        BevelBorder.RAISED));
    jMenu4.setText(" Vehicle Details ");
    jMenu4.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

    jMenuItem10.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
    jMenuItem10.setText("View Vehicles");
    jMenuItem10.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem10ActionPerformed(evt);
        }
    });
    jMenu4.add(jMenuItem10);

    jMenuBar1.add(jMenu4);

    jMenu9.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.
        BevelBorder.RAISED));
    jMenu9.setText(" Transaction Details ");
    jMenu9.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

    jMenuItem15.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
    jMenuItem15.setText(" View Transaction ");
    jMenuItem15.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.
        border.BevelBorder.RAISED));
    jMenuItem15.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jMenuItem15ActionPerformed(evt);
        }
    });
    jMenu9.add(jMenuItem15);

    jMenuBar1.add(jMenu9);
```

```
jMenu5.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.
    BevelBorder.RAISED));
jMenu5.setText("Finance ");
jMenu5.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jMenuItem18.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
jMenuItem18.setText("Balance Sheet");
jMenu5.add(jMenuItem18);

jMenuBar1.add(jMenu5);

jMenu6.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.
    BevelBorder.RAISED));
jMenu6.setText(" Developer Details ");
jMenu6.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

jMenuItem12.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
jMenuItem12.setText("Development Details ");
jMenuItem12.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem12ActionPerformed(evt);
    }
});
jMenu6.add(jMenuItem12);

jMenuItem13.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
jMenuItem13.setText("Developers Details ");
jMenuItem13.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jMenuItem13ActionPerformed(evt);
    }
});
jMenu6.add(jMenuItem13);

jMenuBar1.add(jMenu6);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
```

```
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.
            GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.
            GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );

    pack();
} // </editor-fold> // GEN-END: initComponents

private void jMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
    FIRST:event_jMenuItem1ActionPerformed
    // TODO add your handling code here:
} // GEN-LAST:event_jMenuItem1ActionPerformed

private void jMenuItem2ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
    FIRST:event_jMenuItem2ActionPerformed
    // TODO add your handling code here:
} // GEN-LAST:event_jMenuItem2ActionPerformed

private void jMenuItem12ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
    FIRST:event_jMenuItem12ActionPerformed
    // TODO add your handling code here:
    DevelopmentDetails ss=new DevelopmentDetails();
    ss.setVisible(true);
} // GEN-LAST:event_jMenuItem12ActionPerformed

private void jMenuItem16ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
    FIRST:event_jMenuItem16ActionPerformed
    // TODO add your handling code here:
    SlotsDetails sd=new SlotsDetails();
    sd.setVisible(true);
} // GEN-LAST:event_jMenuItem16ActionPerformed

private void jMenuItem6ActionPerformed(java.awt.event.ActionEvent evt) { // GEN-
    FIRST:event_jMenuItem6ActionPerformed
    // TODO add your handling code here:
    ViewCustomer vc=new ViewCustomer();
```



```
        vc.setVisible(true);
    }//GEN-LAST:event_jMenuItem6ActionPerformed

private void jMenuItem7ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jMenuItem7ActionPerformed
    // TODO add your handling code here:
    AddOperator ao=new AddOperator();
    ao.setVisible(true);
}//GEN-LAST:event_jMenuItem7ActionPerformed

private void jMenuItem8ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jMenuItem8ActionPerformed
    // TODO add your handling code here:
    UpdateOperator up=new UpdateOperator();
    up.setVisible(true);
}//GEN-LAST:event_jMenuItem8ActionPerformed

private void jMenuItem9ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jMenuItem9ActionPerformed
    // TODO add your handling code here:
    DeleteOperator DO=new DeleteOperator();
    DO.setVisible(true);
}//GEN-LAST:event_jMenuItem9ActionPerformed

private void jMenuItem10ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jMenuItem10ActionPerformed
    // TODO add your handling code here:
    ViewVehicle vv=new ViewVehicle();
    vv.setVisible(true);
}//GEN-LAST:event_jMenuItem10ActionPerformed

private void jMenuItem15ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jMenuItem15ActionPerformed
    // TODO add your handling code here:
    ViewTransaction vt=new ViewTransaction();
    vt.setVisible(true);
}//GEN-LAST:event_jMenuItem15ActionPerformed

private void jMenuItem13ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jMenuItem13ActionPerformed
    // TODO add your handling code here:
```

```

        DeveloperDetails dd=new DeveloperDetails();
        dd.setVisible(true);
    }//GEN-LAST:event_jMenuItem13ActionPerformed

private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event_jMenuItem3ActionPerformed
    // TODO add your handling code here:
    AdminLogin al=new AdminLogin();
    al.setVisible(true);
    this.setVisible(false);

} //GEN-LAST:event_jMenuItem3ActionPerformed

public static void main(String args[]) {
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional)
    ">
    http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.
            getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {
        java.util.logging.Logger.getLogger(AdminMainPage.class.getName()).log(java.util.
            logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(AdminMainPage.class.getName()).log(java.util.
            logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(AdminMainPage.class.getName()).log(java.util.
            logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(AdminMainPage.class.getName()).log(java.util.
            logging.Level.SEVERE, null, ex);
    }
    //</editor-fold>

    java.awt.EventQueue.invokeLater(new Runnable() {

```

```

        public void run() {
            new AdminMainPage().setVisible(true);
        }
    });
}

// Variables declaration – do not modify//GEN-BEGIN:variables
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JLabel jLabel1;
private javax.swing.JMenu jMenu1;
private javax.swing.JMenu jMenu2;
private javax.swing.JMenu jMenu3;
private javax.swing.JMenu jMenu4;
private javax.swing.JMenu jMenu5;
private javax.swing.JMenu jMenu6;
private javax.swing.JMenu jMenu7;
private javax.swing.JMenu jMenu9;
private javax.swing.JMenuBar jMenuBar1;
private javax.swing.JMenuItem jMenuItem1;
private javax.swing.JMenuItem jMenuItem10;
private javax.swing.JMenuItem jMenuItem12;
private javax.swing.JMenuItem jMenuItem13;
private javax.swing.JMenuItem jMenuItem15;
private javax.swing.JMenuItem jMenuItem16;
private javax.swing.JMenuItem jMenuItem17;
private javax.swing.JMenuItem jMenuItem18;
private javax.swing.JMenuItem jMenuItem2;
private javax.swing.JMenuItem jMenuItem3;
private javax.swing.JMenuItem jMenuItem6;
private javax.swing.JMenuItem jMenuItem7;
private javax.swing.JMenuItem jMenuItem8;
private javax.swing.JMenuItem jMenuItem9;
// End of variables declaration//GEN-END:variables
}

```

Add Operator Form

```
<?xml version="1.0" encoding="UTF-8" ?>
```

```
<Form version="1.5" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.
  JFrameFormInfo" >
  <Properties>
    <Property name="defaultCloseOperation" type="int" value="2" />
    <Property name="title" type="java.lang.String" value="AddOperator" />
    <Property name="resizable" type="boolean" value="false" />
  </Properties>
  <SyntheticProperties>
    <SyntheticProperty name="formSizePolicy" type="int" value="1" />
    <SyntheticProperty name="generateCenter" type="boolean" value="false" />
  </SyntheticProperties>
  <AuxValues>
    <AuxValue name="FormSettings.autoResourcing" type="java.lang.Integer" value="0" />
    <AuxValue name="FormSettings.autoSetComponentName" type="java.lang.Boolean"
      value="false" />
    <AuxValue name="FormSettings.generateFQN" type="java.lang.Boolean" value="true
      " />
    <AuxValue name="FormSettings.generateMnemonicsCode" type="java.lang.Boolean"
      value="false" />
    <AuxValue name="FormSettings.i18nAutoMode" type="java.lang.Boolean" value="false
      " />
    <AuxValue name="FormSettings.layoutCodeTarget" type="java.lang.Integer" value
      ="1" />
    <AuxValue name="FormSettings.listenerGenerationStyle" type="java.lang.Integer" value
      ="0" />
    <AuxValue name="FormSettings.variablesLocal" type="java.lang.Boolean" value="false
      " />
    <AuxValue name="FormSettings.variablesModifier" type="java.lang.Integer" value
      ="2" />
  </AuxValues>

  <Layout>
    <DimensionLayout dim="0" >
      <Group type="103" groupAlignment="0" attributes="0" >
        <Component id="jPanel2" alignment="0" max="32767" attributes="0" />
        <Group type="102" alignment="0" attributes="0" >
          <EmptySpace max="-2" attributes="0" />
          <Component id="jPanel1" max="32767" attributes="0" />
          <EmptySpace max="-2" attributes="0" />
        </Group>
      </Group>
    </DimensionLayout>
  </Layout>
</Form>
```

```

</DimensionLayout>
<DimensionLayout dim="1">
  <Group type="103" groupAlignment="0" attributes="0">
    <Group type="102" alignment="0" attributes="0">
      <EmptySpace max="-2" attributes="0"/>
      <Component id="jPanel1" min="-2" max="-2" attributes="0"/>
      <EmptySpace min="-2" pref="2" max="-2" attributes="0"/>
      <Component id="jPanel2" min="-2" max="-2" attributes="0"/>
      <EmptySpace max="32767" attributes="0"/>
    </Group>
  </Group>
</DimensionLayout>
</Layout>
<SubComponents>
  <Container class="javax.swing.JPanel" name="jPanel2">
    <Properties>
      <Property name="border" type="javax.swing.border.Border" editor="org.netbeans.
        modules.form.editors2.BorderEditor">
        <Border info="org.netbeans.modules.form.compat2.border.TitledBorderInfo">
          <TitledBorder title=" Add Operator"/>
        </Border>
      </Property>
    </Properties>

    <Layout>
      <DimensionLayout dim="0">
        <Group type="103" groupAlignment="0" attributes="0">
          <Group type="102" alignment="0" attributes="0">
            <EmptySpace max="-2" attributes="0"/>
            <Component id="jPanel3" max="32767" attributes="0"/>
            <EmptySpace max="-2" attributes="0"/>
          </Group>
        </Group>
      </DimensionLayout>
      <DimensionLayout dim="1">
        <Group type="103" groupAlignment="0" attributes="0">
          <Group type="102" alignment="0" attributes="0">
            <EmptySpace max="-2" attributes="0"/>
            <Component id="jPanel3" min="-2" max="-2" attributes="0"/>
            <EmptySpace max="32767" attributes="0"/>
          </Group>
        </Group>
      </DimensionLayout>
    </Layout>
  </Container>
</SubComponents>

```

```

    </Group>
  </DimensionLayout>
</Layout>
<SubComponents>
  <Container class="javax.swing.JPanel" name="jPanel3">
    <Properties>
      <Property name="background" type="java.awt.Color" editor="org.netbeans.
        beaninfo.editors.ColorEditor">
        <Color blue="cc" green="cc" red="cc" type="rgb"/>
      </Property>
      <Property name="border" type="javax.swing.border.Border" editor="org.
       .netbeans.modules.form.editors2.BorderEditor">
        <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo">
          <BevelBorder/>
        </Border>
      </Property>
    </Properties>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Component id="jSeparator1" max="32767" attributes="0"/>
        <Group type="102" attributes="0">
          <Group type="103" groupAlignment="0" attributes="0">
            <Group type="102" alignment="0" attributes="0">
              <EmptySpace max="-2" attributes="0"/>
              <Component id="jPanel4" max="32767" attributes="0"/>
            </Group>
            <Group type="102" alignment="0" attributes="0">
              <EmptySpace min="-2" pref="112" max="-2" attributes
                ="0"/>
            </Group>
            <Group type="103" groupAlignment="0" attributes="0">
              <Component id="jLabel2" alignment="0" min="-2" max
                ="-2" attributes="0"/>
              <Component id="jLabel3" alignment="0" min="-2" max
                ="-2" attributes="0"/>
              <Component id="jLabel4" alignment="0" min="-2" max
                ="-2" attributes="0"/>
              <Component id="jLabel7" alignment="0" min="-2" max
                ="-2" attributes="0"/>
            </Group>
          </Group>
        </Group>
      </Group>
    </DimensionLayout>
  </Layout>
</SubComponents>

```

```

        <Component id="jLabel8" alignment="0" min="-2" max
            ="-2" attributes="0"/>
        <Component id="jLabel9" alignment="0" min="-2" max
            ="-2" attributes="0"/>
        <Component id="jLabel10" alignment="0" min="-2"
            max="-2" attributes="0"/>
        <Component id="jLabel11" alignment="0" min="-2"
            max="-2" attributes="0"/>
        <Component id="jLabel12" alignment="0" min="-2"
            max="-2" attributes="0"/>
        <Component id="jLabel13" alignment="0" min="-2"
            max="-2" attributes="0"/>
    </Group>
    <EmptySpace min="-2" pref="56" max="-2" attributes
        ="0"/>
    <Group type="103" groupAlignment="1" max="-2"
        attributes="0">
        <Component id="DOB" alignment="0" max="32767"
            attributes="0"/>
        <Component id="Pass" alignment="0" max="32767"
            attributes="0"/>
        <Component id="OperatorId" alignment="0" max
            ="32767" attributes="0"/>
        <Component id="OperatorName" alignment="0" max
            ="32767" attributes="0"/>
        <Component id="Gender" alignment="0" max="32767"
            attributes="0"/>
        <Component id="Qualification" alignment="0" max
            ="32767" attributes="0"/>
        <Component id="Email" alignment="0" max="32767"
            attributes="0"/>
        <Component id="Phone" alignment="0" max="32767"
            attributes="0"/>
        <Component id="OperatorUserName" alignment="0"
            max="32767" attributes="0"/>
        <Component id="jScrollPane2" alignment="0" min="-2"
            pref="279" max="-2" attributes="0"/>
    </Group>
</Group>
<EmptySpace max="-2" attributes="0"/>

```

```

</Group>
<Group type="102" alignment="0" attributes="0">
  <EmptySpace min="-2" pref="287" max="-2" attributes="0"/>
  <Component id="jButton2" min="-2" max="-2" attributes="0"/>
  <EmptySpace max="32767" attributes="0"/>
</Group>
<Group type="102" alignment="1" attributes="0">
  <EmptySpace max="32767" attributes="0"/>
  <Component id="jButton1" min="-2" max="-2" attributes="0"/>
  <EmptySpace min="-2" pref="285" max="-2" attributes="0"/>
</Group>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
  <Group type="103" groupAlignment="0" attributes="0">
    <Group type="102" alignment="0" attributes="0">
      <EmptySpace min="-2" max="-2" attributes="0"/>
      <Group type="103" groupAlignment="3" attributes="0">
        <Component id="jLabel2" alignment="3" min="-2" max="-2"
          attributes="0"/>
        <Component id="OperatorId" alignment="3" min="-2" max
          ="-2" attributes="0"/>
      </Group>
      <EmptySpace max="-2" attributes="0"/>
    </Group>
    <Group type="103" groupAlignment="3" attributes="0">
      <Component id="jLabel3" alignment="3" min="-2" max="-2"
        attributes="0"/>
      <Component id="OperatorName" alignment="3" min="-2" max
        ="-2" attributes="0"/>
    </Group>
    <EmptySpace max="-2" attributes="0"/>
    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" attributes="0">
        <Component id="jLabel13" min="-2" max="-2" attributes
          ="0"/>
        <EmptySpace min="-2" pref="4" max="-2" attributes
          ="0"/>
      </Group>
      <Group type="102" alignment="1" attributes="0">
        <Component id="DOB" min="-2" max="-2" attributes
          ="0"/>
      </Group>
    </Group>
  </Group>

```



```

        <EmptySpace max="-2" attributes="0"/>
    </Group>
</Group>
<Group type="103" groupAlignment="3" attributes="0">
    <Component id="jLabel4" alignment="3" min="-2" max="-2"
        attributes="0"/>
    <Component id="Gender" alignment="3" min="-2" max="-2"
        attributes="0"/>
</Group>
<EmptySpace max="-2" attributes="0"/>
<Group type="103" groupAlignment="3" attributes="0">
    <Component id="jLabel7" alignment="3" min="-2" max="-2"
        attributes="0"/>
    <Component id="Qualification" alignment="3" min="-2" max
        ="-2" attributes="0"/>
</Group>
<Group type="103" groupAlignment="0" attributes="0">
    <Group type="102" attributes="0">
        <EmptySpace type="separate" min="-2" max="-2"
            attributes="0"/>
        <Component id="jLabel11" min="-2" max="-2" attributes
            ="0"/>
    </Group>
    <Group type="102" alignment="0" attributes="0">
        <EmptySpace max="-2" attributes="0"/>
        <Component id="jScrollPane2" min="-2" pref="57" max
            ="-2" attributes="0"/>
    </Group>
</Group>
<EmptySpace min="-2" max="-2" attributes="0"/>
<Group type="103" groupAlignment="3" attributes="0">
    <Component id="jLabel8" alignment="3" min="-2" max="-2"
        attributes="0"/>
    <Component id="Email" alignment="3" min="-2" max="-2"
        attributes="0"/>
</Group>
<EmptySpace max="-2" attributes="0"/>
<Group type="103" groupAlignment="3" attributes="0">
    <Component id="jLabel9" alignment="3" min="-2" max="-2"
        attributes="0"/>

```

```

        <Component id="Phone" alignment="3" min="-2" max="-2"
            attributes="0"/>
    </Group>
    <EmptySpace max="-2" attributes="0"/>
    <Group type="103" groupAlignment="3" attributes="0">
        <Component id="jLabel10" alignment="3" min="-2" max="-2"
            attributes="0"/>
        <Component id="OperatorUserName" alignment="3" min="-2"
            max="-2" attributes="0"/>
    </Group>
    <EmptySpace max="-2" attributes="0"/>
    <Group type="103" groupAlignment="0" attributes="0">
        <Component id="jLabel12" min="-2" max="-2" attributes
            ="0"/>
        <Component id="Pass" min="-2" max="-2" attributes="0"/>
    </Group>
    <EmptySpace max="-2" attributes="0"/>
    <Component id="jButton1" min="-2" max="-2" attributes="0"/>
    <EmptySpace min="-2" max="-2" attributes="0"/>
    <Component id="jSeparator1" min="-2" pref="10" max="-2"
        attributes="0"/>
    <EmptySpace max="-2" attributes="0"/>
    <Component id="jPanel4" min="-2" max="-2" attributes="0"/>
    <EmptySpace type="unrelated" max="-2" attributes="0"/>
    <Component id="jButton2" min="-2" max="-2" attributes="0"/>
    <EmptySpace max="32767" attributes="0"/>
</Group>
</Group>
</DimensionLayout>
</Layout>
<SubComponents>
    <Component class="javax.swing.JLabel" name="jLabel2">
        <Properties>
            <Property name="text" type="java.lang.String" value="Operator Id :"/>
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel3">
        <Properties>
            <Property name="text" type="java.lang.String" value="Operator Name
                :"/>
        </Properties>

```

```
</Component>
<Component class="javax.swing.JLabel" name="jLabel4">
  <Properties>
    <Property name="text" type="java.lang.String" value="Gender :"/>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel7">
  <Properties>
    <Property name="text" type="java.lang.String" value="Basic Qualification
      :"/>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel8">
  <Properties>
    <Property name="text" type="java.lang.String" value="Email :"/>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel9">
  <Properties>
    <Property name="text" type="java.lang.String" value="Phone Number
      :"/>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel10">
  <Properties>
    <Property name="text" type="java.lang.String" value="Operator Username
      :"/>
  </Properties>
</Component>
<Component class="javax.swing.JTextField" name="OperatorId">
  <Properties>
    <Property name="editable" type="boolean" value="false"/>
  </Properties>
</Component>
<Component class="javax.swing.JTextField" name="OperatorName">
</Component>
<Component class="javax.swing.JComboBox" name="Gender">
  <Properties>
    <Property name="model" type="javax.swing.ComboBoxModel" editor="org.
      netbeans.modules.form.editors2.ComboBoxModelEditor">
    <StringArray count="2">
```

```
<StringItem index="0" value="Male"/>
<StringItem index="1" value="Female"/>
</StringArray>
</Property>
</Properties>
<Events>
  <EventHandler event="actionPerformed" listener="java.awt.event.
    ActionListener" parameters="java.awt.event.ActionEvent" handler="
    GenderActionPerformed"/>
</Events>
<AuxValues>
  <AuxValue name="JavaCodeGenerator_TypeParameters" type="java.lang.
    String" value="<String>"/>
</AuxValues>
</Component>
<Component class="javax.swing.JTextField" name="Qualification">
</Component>
<Component class="javax.swing.JTextField" name="Email">
</Component>
<Component class="javax.swing.JTextField" name="Phone">
</Component>
<Component class="javax.swing.JTextField" name="OperatorUserName">
  <Properties>
    <Property name="editable" type="boolean" value="false"/>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
      ActionListener" parameters="java.awt.event.ActionEvent" handler="
      OperatorUserNameActionPerformed"/>
  </Events>
</Component>
<Component class="javax.swing.JButton" name="jButton1">
  <Properties>
    <Property name="text" type="java.lang.String" value=" Submit "/>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
      ActionListener" parameters="java.awt.event.ActionEvent" handler="
      jButton1ActionPerformed"/>
  </Events>
</Component>
```

```
<Component class="javax.swing.JSeparator" name="jSeparator1">
</Component>
<Container class="javax.swing.JPanel" name="jPanel4">
  <Properties>
    <Property name="border" type="javax.swing.border.Border" editor="org.
      netbeans.modules.form.editors2.BorderEditor">
      <Border info="org.netbeans.modules.form.compat2.border.TitledBorderInfo
        ">
        <TitledBorder title=" Operator Acknowledgement "/>
      </Border>
    </Property>
  </Properties>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Component id="jScrollPane1" alignment="0" pref="665" max
          ="32767" attributes="0"/>
      </Group>
    </DimensionLayout>
    <DimensionLayout dim="1">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
          <Component id="jScrollPane1" min="-2" pref="284" max="-2"
            attributes="0"/>
          <EmptySpace min="0" pref="0" max="32767" attributes="0"/>
        </Group>
      </Group>
    </DimensionLayout>
  </Layout>
  <SubComponents>
    <Container class="javax.swing.JScrollPane" name="jScrollPane1">
      <AuxValues>
        <AuxValue name="autoScrollPane" type="java.lang.Boolean" value="
          true"/>
      </AuxValues>

      <Layout class="org.netbeans.modules.form.compat2.layouts.support.
        JScrollPaneSupportLayout"/>
      <SubComponents>
        <Component class="javax.swing.JTextArea" name="Summary">
```

```

        <Properties>
            <Property name="columns" type="int" value="20"/>
            <Property name="rows" type="int" value="5"/>
        </Properties>
    </Component>
</SubComponents>
</Container>
</SubComponents>
</Container>
<Component class="javax.swing.JButton" name="jButton2">
    <Properties>
        <Property name="text" type="java.lang.String" value=" Print "/>
    </Properties>
    <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.
            ActionListener" parameters="java.awt.event.ActionEvent" handler="
                jButton2ActionPerformed"/>
    </Events>
</Component>
<Component class="javax.swing.JLabel" name="jLabel11">
    <Properties>
        <Property name="text" type="java.lang.String" value="Address :"/>
    </Properties>
</Component>
<Container class="javax.swing.JScrollPane" name="jScrollPane2">
    <AuxValues>
        <AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true
            "/>
    </AuxValues>

    <Layout class="org.netbeans.modules.form.compat2.layouts.support.
        JScrollPaneSupportLayout"/>
    <SubComponents>
        <Component class="javax.swing.JTextArea" name="Address">
            <Properties>
                <Property name="columns" type="int" value="20"/>
                <Property name="rows" type="int" value="5"/>
            </Properties>
        </Component>
    </SubComponents>
</Container>

```

```

    <Component class="javax.swing.JLabel" name="jLabel12">
      <Properties>
        <Property name="text" type="java.lang.String" value="Operator Password
          :"/>
      </Properties>
    </Component>
    <Component class="javax.swing.JTextField" name="Pass">
      <Properties>
        <Property name="editable" type="boolean" value="false"/>
      </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel13">
      <Properties>
        <Property name="text" type="java.lang.String" value="Date Of Birth :"/>
      </Properties>
    </Component>
    <Component class="javax.swing.JTextField" name="DOB">
    </Component>
  </SubComponents>
</Container>
</SubComponents>
</Container>
<Container class="javax.swing.JPanel" name="jPanel1">
  <Properties>
    <Property name="background" type="java.awt.Color" editor="org.netbeans.
      beaninfo.editors.ColorEditor">
      <Color blue="99" green="66" red="0" type="rgb"/>
    </Property>
    <Property name="border" type="javax.swing.border.Border" editor="org.netbeans.
      modules.form.editors2.BorderEditor">
      <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo">
        <BevelBorder>
          <Color PropertyName="highlightInner" blue="80" green="80" id="gray"
            palette="1" red="80" type="palette"/>
        </BevelBorder>
      </Border>
    </Property>
  </Properties>

  <Layout>
    <DimensionLayout dim="0">

```

```

    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" alignment="0" attributes="0">
        <EmptySpace min="-2" pref="86" max="-2" attributes="0"/>
        <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
        <EmptySpace pref="218" max="32767" attributes="0"/>
      </Group>
    </Group>
  </DimensionLayout>
  <DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" alignment="1" attributes="0">
        <EmptySpace pref="52" max="32767" attributes="0"/>
        <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
        <EmptySpace min="-2" pref="48" max="-2" attributes="0"/>
      </Group>
    </Group>
  </DimensionLayout>
</Layout>
<SubComponents>
  <Component class="javax.swing.JLabel" name="jLabel1">
    <Properties>
      <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
        editors.FontEditor">
        <Font name="Matura MT Script Capitals" size="36" style="1"/>
      </Property>
      <Property name="foreground" type="java.awt.Color" editor="org.netbeans.
        beaninfo.editors.ColorEditor">
        <Color blue="ff" green="ff" red="ff" type="rgb"/>
      </Property>
      <Property name="text" type="java.lang.String" value="Smart Parking System
        "/>
    </Properties>
  </Component>
</SubComponents>
</Container>
</SubComponents>
</Form>

```



```

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.5" maxVersion="1.9" type="org.netbeans.modules.form.forminfo.
  JFrameFormInfo">
  <Properties>
    <Property name="defaultCloseOperation" type="int" value="2"/>
    <Property name="title" type="java.lang.String" value="Operator Main Page"/>
    <Property name="resizable" type="boolean" value="false"/>
  </Properties>
  <SyntheticProperties>
    <SyntheticProperty name="formSizePolicy" type="int" value="1"/>
    <SyntheticProperty name="generateCenter" type="boolean" value="false"/>
  </SyntheticProperties>
  <AuxValues>
    <AuxValue name="FormSettings.autoResourcing" type="java.lang.Integer" value="0"/>
    <AuxValue name="FormSettings.autoSetComponentName" type="java.lang.Boolean"
      value="false"/>
    <AuxValue name="FormSettings.generateFQN" type="java.lang.Boolean" value="true
      "/>
    <AuxValue name="FormSettings.generateMnemonicsCode" type="java.lang.Boolean"
      value="false"/>
    <AuxValue name="FormSettings.i18nAutoMode" type="java.lang.Boolean" value="false
      "/>
    <AuxValue name="FormSettings.layoutCodeTarget" type="java.lang.Integer" value
      ="1"/>
    <AuxValue name="FormSettings.listenerGenerationStyle" type="java.lang.Integer" value
      ="0"/>
    <AuxValue name="FormSettings.variablesLocal" type="java.lang.Boolean" value="false
      "/>
    <AuxValue name="FormSettings.variablesModifier" type="java.lang.Integer" value
      ="2"/>
  </AuxValues>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
          <EmptySpace max="-2" attributes="0"/>
          <Group type="103" groupAlignment="1" max="-2" attributes="0">
            <Component id="jPanel1" max="32767" attributes="0"/>

```

```

        <Component id="jPanel2" max="32767" attributes="0"/>
    </Group>
    <EmptySpace max="32767" attributes="0"/>
</Group>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
            <EmptySpace max="-2" attributes="0"/>
            <Component id="jPanel1" min="-2" pref="127" max="-2" attributes
                ="0"/>
            <EmptySpace min="-2" max="-2" attributes="0"/>
            <Component id="jPanel2" min="-2" max="-2" attributes="0"/>
            <EmptySpace pref="57" max="32767" attributes="0"/>
        </Group>
    </Group>
</DimensionLayout>
</Layout>
<SubComponents>
    <Container class="javax.swing.JPanel" name="jPanel1">
        <Properties>
            <Property name="background" type="java.awt.Color" editor="org.netbeans.
                beaninfo.editors.ColorEditor">
                <Color blue="99" green="66" red="0" type="rgb"/>
            </Property>
            <Property name="border" type="javax.swing.border.Border" editor="org.netbeans.
                modules.form.editors2.BorderEditor">
                <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo">
                    <BevelBorder>
                        <Color PropertyName="highlightInner" blue="80" green="80" id="gray"
                            palette="1" red="80" type="palette"/>
                    </BevelBorder>
                </Border>
            </Property>
        </Properties>

    <Layout>
        <DimensionLayout dim="0">
            <Group type="103" groupAlignment="0" attributes="0">
                <Group type="102" alignment="1" attributes="0">

```

```

<Group type="103" groupAlignment="0" attributes="0">
  <Group type="102" alignment="0" attributes="0">
    <EmptySpace max="-2" attributes="0"/>
    <Component id="jLabel15" min="-2" max="-2" attributes
      ="0"/>
    <EmptySpace min="-2" pref="35" max="-2" attributes="0"/>
    <Component id="TodayDate" min="-2" pref="222" max="-2"
      attributes="0"/>
    <EmptySpace max="32767" attributes="0"/>
    <Component id="jLabel16" min="-2" max="-2" attributes
      ="0"/>
    <EmptySpace type="separate" max="-2" attributes="0"/>
  </Group>
  <Group type="102" attributes="0">
    <EmptySpace max="32767" attributes="0"/>
    <Component id="jLabel1" min="-2" max="-2" attributes
      ="0"/>
    <EmptySpace min="-2" pref="440" max="-2" attributes
      ="0"/>
  </Group>
</Group>
<Group type="103" groupAlignment="0" attributes="0">
  <Component id="jButton5" min="-2" pref="145" max="-2"
    attributes="0"/>
  <Component id="TodayTime" min="-2" pref="196" max="-2"
    attributes="0"/>
</Group>
<EmptySpace max="-2" attributes="0"/>
</Group>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
  <Group type="103" groupAlignment="0" attributes="0">
    <Group type="102" alignment="0" attributes="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" attributes="0">
          <EmptySpace max="32767" attributes="0"/>
          <Component id="jLabel1" min="-2" max="-2" attributes
            ="0"/>
          <EmptySpace min="-2" pref="28" max="-2" attributes="0"/>
        </Group>
      </Group>
    </Group>
  </Group>

```

```

    <Group type="102" alignment="0" attributes="0">
        <EmptySpace max="-2" attributes="0"/>
        <Component id="jButton5" min="-2" pref="63" max="-2"
            attributes="0"/>
        <EmptySpace max="32767" attributes="0"/>
    </Group>
</Group>
<Group type="103" groupAlignment="0" attributes="0">
    <Group type="103" alignment="1" groupAlignment="3" attributes
        ="0">
        <Component id="jLabel15" alignment="3" min="-2" max="-2"
            attributes="0"/>
        <Component id="TodayDate" alignment="3" min="-2" pref
            ="28" max="-2" attributes="0"/>
    </Group>
    <Group type="103" alignment="1" groupAlignment="3" attributes
        ="0">
        <Component id="jLabel16" alignment="3" min="-2" max="-2"
            attributes="0"/>
        <Component id="TodayTime" alignment="3" min="-2" pref
            ="28" max="-2" attributes="0"/>
    </Group>
</Group>
<EmptySpace max="-2" attributes="0"/>
</Group>
</Group>
</DimensionLayout>
</Layout>
<SubComponents>
    <Component class="javax.swing.JLabel" name="jLabel1">
        <Properties>
            <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
                editors.FontEditor">
                <Font name="Matura MT Script Capitals" size="36" style="1"/>
            </Property>
            <Property name="foreground" type="java.awt.Color" editor="org.netbeans.
                beaninfo.editors.ColorEditor">
                <Color blue="ff" green="ff" red="ff" type="rgb"/>
            </Property>
            <Property name="text" type="java.lang.String" value="Smart Parking System
                "/>
        </Properties>
    </Component>

```

```
</Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel15">
  <Properties>
    <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
      editors.FontEditor">
      <Font name="Times New Roman" size="24" style="1"/>
    </Property>
    <Property name="foreground" type="java.awt.Color" editor="org.netbeans.
      beaninfo.editors.ColorEditor">
      <Color blue="ff" green="ff" red="ff" type="rgb"/>
    </Property>
    <Property name="text" type="java.lang.String" value="Date"/>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="TodayDate">
  <Properties>
    <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
      editors.FontEditor">
      <Font name="Tahoma" size="24" style="1"/>
    </Property>
    <Property name="foreground" type="java.awt.Color" editor="org.netbeans.
      beaninfo.editors.ColorEditor">
      <Color blue="ff" green="ff" red="ff" type="rgb"/>
    </Property>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel16">
  <Properties>
    <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
      editors.FontEditor">
      <Font name="Times New Roman" size="24" style="1"/>
    </Property>
    <Property name="foreground" type="java.awt.Color" editor="org.netbeans.
      beaninfo.editors.ColorEditor">
      <Color blue="ff" green="ff" red="ff" type="rgb"/>
    </Property>
    <Property name="text" type="java.lang.String" value="Time"/>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="TodayTime">
```

```
<Properties>
  <Property name="font" type="java.awt.Font" editor="org.netbeans.beaninfo.
    editors.FontEditor" >
    <Font name="Times New Roman" size="24" style="1" />
  </Property>
  <Property name="foreground" type="java.awt.Color" editor="org.netbeans.
    beaninfo.editors.ColorEditor" >
    <Color blue="ff" green="ff" red="ff" type="rgb" />
  </Property>
</Properties>
</Component>
<Component class="javax.swing.JButton" name="jButton5" >
  <Properties>
    <Property name="text" type="java.lang.String" value="Exit" />
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener
      " parameters="java.awt.event.ActionEvent" handler="
        jButton5ActionPerformed" />
  </Events>
</Component>
</SubComponents>
</Container>
<Container class="javax.swing.JPanel" name="jPanel2" >
  <Properties>
    <Property name="background" type="java.awt.Color" editor="org.netbeans.
      beaninfo.editors.ColorEditor" >
      <Color blue="cc" green="cc" red="cc" type="rgb" />
    </Property>
    <Property name="border" type="javax.swing.border.Border" editor="org.netbeans.
      modules.form.editors2.BorderEditor" >
      <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo" >
        <BevelBorder />
      </Border>
    </Property>
  </Properties>

  <Layout>
    <DimensionLayout dim="0" >
      <Group type="103" groupAlignment="0" attributes="0" >
        <Group type="102" alignment="0" attributes="0" >
```

```

    <EmptySpace max="-2" attributes="0" />
    <Component id="jPanel3" min="-2" max="-2" attributes="0" />
    <EmptySpace min="-2" max="-2" attributes="0" />
    <Group type="103" groupAlignment="1" attributes="0" >
        <Component id="jPanel7" max="32767" attributes="0" />
        <Component id="jPanel4" min="-2" max="-2" attributes="0" />
    </Group>
</Group>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0" >
        <Group type="102" alignment="0" attributes="0" >
            <EmptySpace max="-2" attributes="0" />
            <Group type="103" groupAlignment="0" attributes="0" >
                <Group type="102" attributes="0" >
                    <Component id="jPanel3" min="-2" max="-2" attributes="0" />
                    <EmptySpace min="0" pref="0" max="32767" attributes="0" />
                </Group>
                <Group type="102" attributes="0" >
                    <Component id="jPanel4" min="-2" max="-2" attributes="0" />
                    <EmptySpace min="-2" max="-2" attributes="0" />
                    <Component id="jPanel7" max="32767" attributes="0" />
                </Group>
            </Group>
        </Group>
    </Group>
</DimensionLayout>
</Layout>
<SubComponents>
    <Container class="javax.swing.JPanel" name="jPanel3">
        <Properties>
            <Property name="background" type="java.awt.Color" editor="org.netbeans.beaninfo.editors.ColorEditor">
                <Color blue="cc" green="cc" red="cc" type="rgb" />
            </Property>
            <Property name="border" type="javax.swing.border.Border" editor="org.netbeans.modules.form.editors2.BorderEditor">
                <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo">

```

```

        <BevelBorder/>
    </Border>
</Property>
</Properties>

<Layout>
    <DimensionLayout dim="0">
        <Group type="103" groupAlignment="0" attributes="0">
            <Group type="102" alignment="0" attributes="0">
                <EmptySpace max="-2" attributes="0"/>
                <Component id="jPanel5" max="32767" attributes="0"/>
                <EmptySpace min="-2" pref="0" max="-2" attributes="0"/>
            </Group>
        </Group>
    </DimensionLayout>
    <DimensionLayout dim="1">
        <Group type="103" groupAlignment="0" attributes="0">
            <Group type="102" alignment="0" attributes="0">
                <EmptySpace max="-2" attributes="0"/>
                <Component id="jPanel5" min="-2" pref="858" max="-2"
                    attributes="0"/>
                <EmptySpace pref="100" max="32767" attributes="0"/>
            </Group>
        </Group>
    </DimensionLayout>
</Layout>
<SubComponents>
    <Container class="javax.swing.JPanel" name="jPanel5">
        <Properties>
            <Property name="background" type="java.awt.Color" editor="org.netbeans
                .beaninfo.editors.ColorEditor">
                <Color blue="cc" green="cc" red="cc" type="rgb"/>
            </Property>
            <Property name="border" type="javax.swing.border.Border" editor="org.
               .netbeans.modules.form.editors2.BorderEditor">
                <Border info="org.netbeans.modules.form.compat2.border.TitledBorderInfo
                    ">
                    <TitledBorder title="CheckIn Operation"/>
                </Border>
            </Property>
        </Properties>
    </Container>

```



```

<Layout>
  <DimensionLayout dim="0">
    <Group type="103" groupAlignment="0" attributes="0">
      <Component id="jSeparator4" alignment="0" max="32767"
        attributes="0"/>
      <Group type="102" alignment="0" attributes="0">
        <EmptySpace min="-2" pref="36" max="-2" attributes="0"/>
        <Component id="jLabel18" min="-2" max="-2" attributes
          ="0"/>
        <EmptySpace min="-2" pref="153" max="-2" attributes
          ="0"/>
        <Component id="Barcode" min="-2" pref="300" max="-2"
          attributes="0"/>
        <EmptySpace max="32767" attributes="0"/>
        <Component id="print" min="-2" max="-2" attributes="0"/>
        <EmptySpace max="-2" attributes="0"/>
      </Group>
      <Component id="jSeparator3" alignment="0" max="32767"
        attributes="0"/>
      <Group type="102" alignment="1" attributes="0">
        <EmptySpace min="0" pref="0" max="32767" attributes="0"/>
        <Component id="btnCheckIn" min="-2" max="-2" attributes
          ="0"/>
        <EmptySpace min="-2" pref="353" max="-2" attributes
          ="0"/>
      </Group>
      <Group type="102" attributes="0">
        <Group type="103" groupAlignment="0" attributes="0">
          <Group type="102" alignment="0" attributes="0">
            <EmptySpace min="-2" pref="164" max="-2"
              attributes="0"/>
            <Component id="PrintPanel" min="-2" max="-2"
              attributes="0"/>
          </Group>
          <Group type="102" alignment="0" attributes="0">
            <EmptySpace min="-2" pref="24" max="-2" attributes
              ="0"/>
            <Group type="103" groupAlignment="0" attributes
              ="0">

```

```

<Component id="jLabel10" alignment="0" min="-2"
    max="-2" attributes="0" />
<Component id="jLabel11" alignment="0" min="-2"
    max="-2" attributes="0" />
<Component id="jLabel12" alignment="0" min="-2"
    max="-2" attributes="0" />
<Component id="jLabel13" alignment="0" min="-2"
    max="-2" attributes="0" />
<Component id="jLabel25" alignment="0" min="-2"
    max="-2" attributes="0" />
<Component id="jLabel26" alignment="0" min="-2"
    max="-2" attributes="0" />
<Component id="jLabel27" alignment="0" min="-2"
    max="-2" attributes="0" />
<Component id="jLabel28" alignment="0" min="-2"
    max="-2" attributes="0" />
<Component id="jLabel20" alignment="0" min="-2"
    max="-2" attributes="0" />
<Component id="jLabel9" min="-2" max="-2"
    attributes="0" />
</Group>
<EmptySpace min="-2" pref="194" max="-2"
    attributes="0" />
<Group type="103" groupAlignment="0" max="-2"
    attributes="0">
    <Component id="DocNumber" alignment="0" max
        ="32767" attributes="0" />
    <Component id="VehicleNo" alignment="0" max
        ="32767" attributes="0" />
    <Component id="OwnerName" alignment="0" max
        ="32767" attributes="0" />
    <Component id="MobileNumber" alignment="0" max
        ="32767" attributes="0" />
    <Component id="ChekinTime" alignment="0" max
        ="32767" attributes="0" />
    <Component id="TransID" alignment="0" max
        ="32767" attributes="0" />
    <Component id="Slots" alignment="0" max="32767"
        attributes="0" />
    <Component id="DocType" alignment="0" pref
        ="200" max="32767" attributes="0" />

```

```

        <Component id="VehicleName" alignment="0" max
            ="32767" attributes="0" />
        <Component id="VType" max="32767" attributes
            ="0" />
    </Group>
    <EmptySpace min="-2" pref="52" max="-2" attributes
        ="0" />
    <Component id="Clear1" min="-2" max="-2"
        attributes="0" />
    </Group>
</Group>
<EmptySpace pref="163" max="32767" attributes="0" />
</Group>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
            <EmptySpace min="-2" pref="26" max="-2" attributes="0" />
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel9" alignment="3" min="-2" max
                    ="-2" attributes="0" />
                <Component id="VehicleNo" alignment="3" min="-2" max
                    ="-2" attributes="0" />
            </Group>
            <Group type="103" groupAlignment="0" attributes="0">
                <Group type="102" attributes="0">
                    <EmptySpace max="-2" attributes="0" />
                    <Group type="103" groupAlignment="3" attributes
                        ="0">
                        <Component id="VehicleName" alignment="3" min
                            ="-2" max="-2" attributes="0" />
                        <Component id="jLabel28" alignment="3" min="-2"
                            max="-2" attributes="0" />
                    </Group>
                    <EmptySpace max="-2" attributes="0" />
                    <Group type="103" groupAlignment="3" attributes
                        ="0">
                        <Component id="jLabel20" alignment="3" min="-2"
                            max="-2" attributes="0" />
                    </Group>
                </Group>
            </Group>
        </Group>
    </DimensionLayout>

```

```

        <Component id="VType" alignment="3" min="-2"
            max="-2" attributes="0"/>
    </Group>
</Group>
<Group type="102" alignment="0" attributes="0">
    <EmptySpace min="-2" pref="16" max="-2" attributes
        ="0"/>
    <Component id="Clear1" min="-2" pref="45" max
        ="-2" attributes="0"/>
</Group>
</Group>
<EmptySpace max="-2" attributes="0"/>
<Group type="103" groupAlignment="3" attributes="0">
    <Component id="OwnerName" alignment="3" min="-2"
        max="-2" attributes="0"/>
    <Component id="jLabel10" alignment="3" min="-2" max
        ="-2" attributes="0"/>
</Group>
<EmptySpace max="-2" attributes="0"/>
<Group type="103" groupAlignment="0" attributes="0">
    <Component id="jLabel11" alignment="0" min="-2" max
        ="-2" attributes="0"/>
    <Component id="MobileNumber" alignment="0" min="-2"
        max="-2" attributes="0"/>
</Group>
<EmptySpace min="-2" max="-2" attributes="0"/>
<Group type="103" groupAlignment="0" attributes="0">
    <Component id="jLabel26" alignment="0" min="-2" max
        ="-2" attributes="0"/>
    <Component id="DocType" alignment="0" min="-2" max
        ="-2" attributes="0"/>
</Group>
<EmptySpace max="-2" attributes="0"/>
<Group type="103" groupAlignment="0" attributes="0">
    <Component id="DocNumber" alignment="0" min="-2"
        max="-2" attributes="0"/>
    <Component id="jLabel27" alignment="0" min="-2" max
        ="-2" attributes="0"/>
</Group>
<EmptySpace max="-2" attributes="0"/>
<Group type="103" groupAlignment="0" attributes="0">

```

```

    <Component id="jLabel12" alignment="0" min="-2" max
        ="-2" attributes="0"/>
    <Component id="ChekinTime" alignment="0" min="-2"
        max="-2" attributes="0"/>
</Group>
<EmptySpace min="-2" max="-2" attributes="0"/>
<Group type="103" groupAlignment="0" attributes="0">
    <Component id="jLabel13" alignment="0" min="-2" max
        ="-2" attributes="0"/>
    <Component id="TransID" alignment="0" min="-2" max
        ="-2" attributes="0"/>
</Group>
<EmptySpace type="unrelated" max="-2" attributes="0"/>
<Group type="103" groupAlignment="0" attributes="0">
    <Component id="jLabel25" alignment="0" min="-2" max
        ="-2" attributes="0"/>
    <Component id="Slots" alignment="0" min="-2" max
        ="-2" attributes="0"/>
</Group>
<EmptySpace min="-2" pref="26" max="-2" attributes="0"/>
<Component id="btnCheckIn" min="-2" max="-2" attributes
    ="0"/>
<EmptySpace type="unrelated" max="-2" attributes="0"/>
<Component id="jSeparator3" min="-2" pref="8" max="-2"
    attributes="0"/>
<Group type="103" groupAlignment="0" attributes="0">
    <Group type="102" alignment="0" attributes="0">
        <EmptySpace min="-2" pref="7" max="-2" attributes
            ="0"/>
        <Group type="103" groupAlignment="3" attributes
            ="0">
            <Component id="jLabel18" alignment="3" min="-2"
                max="-2" attributes="0"/>
            <Component id="Barcode" alignment="3" min="-2"
                pref="76" max="-2" attributes="0"/>
        </Group>
        <EmptySpace min="-2" pref="21" max="-2" attributes
            ="0"/>
    </Group>
    <Group type="102" alignment="1" attributes="0">

```

```

        <EmptySpace min="-2" pref="43" max="-2" attributes
            ="0"/>
        <Component id="print" min="-2" max="-2" attributes
            ="0"/>
        <EmptySpace min="-2" max="-2" attributes="0"/>
    </Group>
</Group>
<Component id="jSeparator4" min="-2" max="-2" attributes
    ="0"/>
<EmptySpace max="32767" attributes="0"/>
<Component id="PrintPanel" min="-2" max="-2" attributes
    ="0"/>
<EmptySpace max="-2" attributes="0"/>
</Group>
</Group>
</DimensionLayout>
</Layout>
<SubComponents>
    <Component class="javax.swing.JLabel" name="jLabel9">
        <Properties>
            <Property name="text" type="java.lang.String" value="Vehicle No
                :-" />
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel10">
        <Properties>
            <Property name="text" type="java.lang.String" value="Owner Name
                :-" />
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel11">
        <Properties>
            <Property name="text" type="java.lang.String" value="Moblie No
                :-" />
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel12">
        <Properties>
            <Property name="text" type="java.lang.String" value="Check in Time
                :-" />
        </Properties>

```

```
</Component>
<Component class="javax.swing.JLabel" name="jLabel13">
  <Properties>
    <Property name="text" type="java.lang.String" value="Transaction ID
      :-"/>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel18">
  <Properties>
    <Property name="text" type="java.lang.String" value="BarCode"/>
  </Properties>
</Component>
<Component class="javax.swing.JSeparator" name="jSeparator3">
</Component>
<Component class="javax.swing.JSeparator" name="jSeparator4">
</Component>
<Component class="javax.swing.JButton" name="btnCheckIn">
  <Properties>
    <Property name="text" type="java.lang.String" value=" Confirm "/>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
      ActionListener" parameters="java.awt.event.ActionEvent" handler="
      btnCheckInActionPerformed"/>
  </Events>
</Component>
<Component class="javax.swing.JTextField" name="Barcode">
  <Properties>
    <Property name="editable" type="boolean" value="false"/>
    <Property name="background" type="java.awt.Color" editor="org.
      netbeans.beaninfo.editors.ColorEditor">
      <Color blue="cc" green="cc" red="cc" type="rgb"/>
    </Property>
  </Properties>
</Component>
<Component class="javax.swing.JTextField" name="VehicleNo">
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
      ActionListener" parameters="java.awt.event.ActionEvent" handler="
      VehicleNoActionPerformed"/>
  </Events>
```

```
</Component>
<Component class="javax.swing.JTextField" name="OwnerName">
</Component>
<Component class="javax.swing.JTextField" name="MobileNumber">
</Component>
<Component class="javax.swing.JTextField" name="ChekinTime">
  <Properties>
    <Property name="editable" type="boolean" value="false"/>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
      ActionListener" parameters="java.awt.event.ActionEvent" handler="
      ChekinTimeActionPerformed"/>
  </Events>
</Component>
<Component class="javax.swing.JTextField" name="TransID">
  <Properties>
    <Property name="editable" type="boolean" value="false"/>
  </Properties>
</Component>
<Component class="javax.swing.JButton" name="Clear1">
  <Properties>
    <Property name="text" type="java.lang.String" value="Clear"/>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
      ActionListener" parameters="java.awt.event.ActionEvent" handler="
      Clear1ActionPerformed"/>
  </Events>
</Component>
<Container class="javax.swing.JPanel" name="PrintPanel">
  <Properties>
    <Property name="background" type="java.awt.Color" editor="org.
      netbeans.beaninfo.editors.ColorEditor">
      <Color blue="ff" green="ff" red="ff" type="rgb"/>
    </Property>
  </Properties>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
```



```

<Group type="102" alignment="0" attributes="0">
  <Group type="103" groupAlignment="0" attributes="0">
    <Group type="102" alignment="0" attributes="0">
      <EmptySpace min="-2" pref="153" max="-2"
        attributes="0"/>
      <Component id="jLabel19" min="-2" max="-2"
        attributes="0"/>
    </Group>
    <Group type="102" alignment="0" attributes="0">
      <EmptySpace min="-2" pref="74" max="-2"
        attributes="0"/>
      <Group type="103" groupAlignment="0" attributes
        ="0">
        <Component id="jLabel22" alignment="0" min
          ="-2" max="-2" attributes="0"/>
        <Component id="jLabel23" alignment="0" min
          ="-2" max="-2" attributes="0"/>
        <Component id="jLabel24" alignment="0" min
          ="-2" max="-2" attributes="0"/>
        <Component id="jLabel29" alignment="0" min
          ="-2" max="-2" attributes="0"/>
      </Group>
      <EmptySpace min="-2" pref="40" max="-2"
        attributes="0"/>
      <Group type="103" groupAlignment="0" max="-2"
        attributes="0">
        <Component id="OwnName" alignment="0" max
          ="32767" attributes="0"/>
        <Component id="VNo" alignment="0" max
          ="32767" attributes="0"/>
        <Component id="DTranID" alignment="0" pref
          ="200" max="32767" attributes="0"/>
        <Group type="102" alignment="0" attributes
          ="0">
          <EmptySpace min="-2" pref="10" max
            ="-2" attributes="0"/>
          <Component id="SlotNumber" min="-2"
            pref="175" max="-2" attributes="0"/>
        </Group>
      </Group>
    </Group>
  </Group>

```

```

    <Group type="102" alignment="0" attributes="0">
      <EmptySpace min="-2" pref="59" max="-2"
        attributes="0"/>
      <Group type="103" groupAlignment="0" attributes
        ="0">
        <Component id="Barcode1" alignment="0" min
          ="-2" pref="362" max="-2" attributes
            ="0"/>
        <Component id="DToday1" alignment="0" min
          ="-2" pref="368" max="-2" attributes
            ="0"/>
      </Group>
    </Group>
  </Group>
  <EmptySpace pref="64" max="32767" attributes="0"/>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
  <Group type="103" groupAlignment="0" attributes="0">
    <Group type="102" alignment="0" attributes="0">
      <EmptySpace max="-2" attributes="0"/>
      <Component id="jLabel19" min="-2" max="-2" attributes
        ="0"/>
      <EmptySpace min="-2" pref="47" max="-2" attributes
        ="0"/>
    <Group type="103" groupAlignment="3" attributes="0">
      <Component id="jLabel22" alignment="3" min="-2"
        pref="20" max="-2" attributes="0"/>
      <Component id="OwnName" alignment="3" min="-2"
        max="-2" attributes="0"/>
    </Group>
    <EmptySpace max="-2" attributes="0"/>
    <Group type="103" groupAlignment="3" attributes="0">
      <Component id="jLabel23" alignment="3" min="-2"
        max="-2" attributes="0"/>
      <Component id="VNo" alignment="3" min="-2" max
        ="-2" attributes="0"/>
    </Group>
    <EmptySpace max="-2" attributes="0"/>
    <Group type="103" groupAlignment="3" attributes="0">

```

```

        <Component id="jLabel29" alignment="3" min="-2"
            max="-2" attributes="0" />
        <Component id="SlotNumber" alignment="3" min="-2"
            max="-2" attributes="0" />
    </Group>
    <EmptySpace min="-2" pref="13" max="-2" attributes
        ="0" />
    <Group type="103" groupAlignment="3" attributes="0">
        <Component id="jLabel24" alignment="3" min="-2"
            max="-2" attributes="0" />
        <Component id="DTranID" alignment="3" min="-2"
            max="-2" attributes="0" />
    </Group>
    <EmptySpace max="-2" attributes="0" />
    <Component id="Barcode1" min="-2" pref="84" max="-2"
        attributes="0" />
    <EmptySpace pref="18" max="32767" attributes="0" />
    <Component id="DToday1" min="-2" max="-2" attributes
        ="0" />
    <EmptySpace min="-2" pref="38" max="-2" attributes
        ="0" />
    </Group>
</Group>
</DimensionLayout>
</Layout>
<SubComponents>
    <Component class="javax.swing.JLabel" name="jLabel19">
        <Properties>
            <Property name="font" type="java.awt.Font" editor="org.netbeans.
                beaninfo.editors.FontEditor">
                <Font name="Tempus Sans ITC" size="18" style="1" />
            </Property>
            <Property name="text" type="java.lang.String" value="Smart
                Parking System" />
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel22">
        <Properties>
            <Property name="text" type="java.lang.String" value="Name
                :-" />
        </Properties>

```

```

</Component>
<Component class="javax.swing.JLabel" name="jLabel23">
  <Properties>
    <Property name="text" type="java.lang.String" value="Vehicle No
      :-"/>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel24">
  <Properties>
    <Property name="text" type="java.lang.String" value="Transaction
      Id :-"/>
  </Properties>
</Component>
<Component class="javax.swing.JTextField" name="Barcode1">
  <Properties>
    <Property name="editable" type="boolean" value="false"/>
    <Property name="background" type="java.awt.Color" editor="org.
      netbeans.beaninfo.editors.ColorEditor">
      <Color blue="ff" green="ff" red="ff" type="rgb"/>
    </Property>
    <Property name="border" type="javax.swing.border.Border" editor
      ="org.netbeans.modules.form.editors2.BorderEditor">
      <Border info="org.netbeans.modules.form.compat2.border.
        EmptyBorderInfo">
        <EmptyBorder/>
      </Border>
    </Property>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
      ActionListener" parameters="java.awt.event.ActionEvent"
      handler="Barcode1ActionPerformed"/>
  </Events>
</Component>
<Component class="javax.swing.JLabel" name="DToday1">
  <Properties>
    <Property name="text" type="java.lang.String" value=" "/>
  </Properties>
</Component>
<Component class="javax.swing.JTextField" name="OwnName">
  <Properties>

```

```
<Property name="editable" type="boolean" value="false"/>
<Property name="background" type="java.awt.Color" editor="org.
    netbeans.beaninfo.editors.ColorEditor">
    <Color blue="ff" green="ff" red="ff" type="rgb"/>
</Property>
<Property name="border" type="javax.swing.border.Border" editor
    ="org.netbeans.modules.form.editors2.BorderEditor">
    <Border info="org.netbeans.modules.form.compat2.border.
        EmptyBorderInfo">
        <EmptyBorder/>
    </Border>
</Property>
</Properties>
<Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
        ActionListener" parameters="java.awt.event.ActionEvent"
        handler="OwnNameActionPerformed"/>
</Events>
</Component>
<Component class="javax.swing.JTextField" name="VNo">
    <Properties>
        <Property name="editable" type="boolean" value="false"/>
        <Property name="border" type="javax.swing.border.Border" editor
            ="org.netbeans.modules.form.editors2.BorderEditor">
            <Border info="org.netbeans.modules.form.compat2.border.
                EmptyBorderInfo">
                <EmptyBorder/>
            </Border>
        </Property>
    </Properties>
</Component>
<Component class="javax.swing.JTextField" name="DTranID">
    <Properties>
        <Property name="editable" type="boolean" value="false"/>
        <Property name="background" type="java.awt.Color" editor="org.
            netbeans.beaninfo.editors.ColorEditor">
            <Color blue="ff" green="ff" red="ff" type="rgb"/>
        </Property>
        <Property name="border" type="javax.swing.border.Border" editor
            ="org.netbeans.modules.form.editors2.BorderEditor">
```

```

        <Border info="org.netbeans.modules.form.compat2.border.
            EmptyBorderInfo">
            <EmptyBorder/>
        </Border>
    </Property>
</Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel29">
    <Properties>
        <Property name="text" type="java.lang.String" value="Slot No
            :-"/>
    </Properties>
</Component>
<Component class="javax.swing.JTextField" name="SlotNumber">
    <Properties>
        <Property name="editable" type="boolean" value="false"/>
        <Property name="border" type="javax.swing.border.Border" editor
            ="org.netbeans.modules.form.editors2.BorderEditor">
            <Border info="null"/>
        </Property>
    </Properties>
</Component>
</SubComponents>
</Container>
<Component class="javax.swing.JLabel" name="jLabel25">
    <Properties>
        <Property name="text" type="java.lang.String" value="Available Slot
            :-"/>
    </Properties>
</Component>
<Component class="javax.swing.JComboBox" name="Slots">
    <Properties>
        <Property name="model" type="javax.swing.ComboBoxModel" editor
            ="org.netbeans.modules.form.editors2.ComboBoxModelEditor">
            <StringArray count="0"/>
        </Property>
    </Properties>
    <AuxValues>
        <AuxValue name="JavaCodeGenerator_TypeParameters" type="java.
            lang.String" value="&lt;String&gt;"/>
    </AuxValues>

```

```

</Component>
<Component class="javax.swing.JLabel" name="jLabel26">
  <Properties>
    <Property name="text" type="java.lang.String" value="Document Type
      :-"/>
  </Properties>
</Component>
<Component class="javax.swing.JComboBox" name="DocType">
  <Properties>
    <Property name="model" type="javax.swing.ComboBoxModel" editor
      ="org.netbeans.modules.form.editors2.ComboBoxModelEditor">
    <StringArray count="5">
      <StringItem index="0" value="AADHAR CARD"/>
      <StringItem index="1" value="ELECTION ID"/>
      <StringItem index="2" value="FORMER CARD"/>
      <StringItem index="3" value="GOVERNMENT CARD"/>
      <StringItem index="4" value="PASSPORT"/>
    </StringArray>
  </Property>
</Properties>
<Events>
  <EventHandler event="actionPerformed" listener="java.awt.event.
    ActionListener" parameters="java.awt.event.ActionEvent" handler="
    DocTypeActionPerformed"/>
</Events>
<AuxValues>
  <AuxValue name="JavaCodeGenerator_TypeParameters" type="java.
    lang.String" value="&lt;String&gt;"/>
</AuxValues>
</Component>
<Component class="javax.swing.JTextField" name="DocNumber">
</Component>
<Component class="javax.swing.JLabel" name="jLabel27">
  <Properties>
    <Property name="text" type="java.lang.String" value="Document No
      :-"/>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel28">
  <Properties>

```

```

        <Property name="text" type="java.lang.String" value="Vehicle Name
            :-"/>
    </Properties>
</Component>
<Component class="javax.swing.JTextField" name="VehicleName">
</Component>
<Component class="javax.swing.JLabel" name="jLabel20">
    <Properties>
        <Property name="text" type="java.lang.String" value="Vehicle Type
            :-"/>
    </Properties>
</Component>
<Component class="javax.swing.JComboBox" name="VType">
    <Properties>
        <Property name="model" type="javax.swing.ComboBoxModel" editor
            ="org.netbeans.modules.form.editors2.ComboBoxModelEditor">
            <StringArray count="2">
                <StringItem index="0" value="2 Wheeler"/>
                <StringItem index="1" value="4 Wheeler"/>
            </StringArray>
        </Property>
    </Properties>
    <AuxValues>
        <AuxValue name="JavaCodeGenerator_TypeParameters" type="java.
            lang.String" value="&lt;String&gt;"/>
    </AuxValues>
</Component>
<Component class="javax.swing.JButton" name="print">
    <Properties>
        <Property name="text" type="java.lang.String" value="Print"/>
    </Properties>
    <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.
            ActionListener" parameters="java.awt.event.ActionEvent" handler="
            printActionPerformed"/>
    </Events>
</Component>
</SubComponents>
</Container>
</SubComponents>
</Container>

```



```

<Container class="javax.swing.JPanel" name="jPanel4">
  <Properties>
    <Property name="background" type="java.awt.Color" editor="org.netbeans.
      beaninfo.editors.ColorEditor">
      <Color blue="cc" green="cc" red="cc" type="rgb"/>
    </Property>
    <Property name="border" type="javax.swing.border.Border" editor="org.
     .netbeans.modules.form.editors2.BorderEditor">
      <Border info="org.netbeans.modules.form.compat2.border.TitledBorderInfo">
        <TitledBorder title="Checkout Operation"/>
      </Border>
    </Property>
  </Properties>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" attributes="0">
          <Group type="103" groupAlignment="0" attributes="0">
            <Group type="102" attributes="0">
              <EmptySpace min="0" pref="0" max="32767" attributes
                ="0"/>
              <Component id="jLabel2" min="-2" max="-2" attributes
                ="0"/>
              <EmptySpace type="separate" max="-2" attributes="0"/>
              <Component id="TID" min="-2" pref="253" max="-2"
                attributes="0"/>
              <EmptySpace min="-2" pref="123" max="-2" attributes
                ="0"/>
              <Component id="GetDetails" min="-2" max="-2"
                attributes="0"/>
            </Group>
          </Group>
        <Group type="102" attributes="0">
          <EmptySpace min="-2" pref="117" max="-2" attributes
            ="0"/>
          <Component id="jPanel6" min="-2" max="-2" attributes
            ="0"/>
          <EmptySpace pref="39" max="32767" attributes="0"/>
          <Component id="jButton1" min="-2" pref="118" max
            ="-2" attributes="0"/>
        </Group>
      </Group>
    </DimensionLayout>
  </Layout>
</Container>

```

```

    <Group type="102" alignment="0" attributes="0">
        <EmptySpace min="-2" max="-2" attributes="0"/>
        <Component id="jScrollPane1" max="32767" attributes
            ="0"/>
    </Group>
</Group>
<EmptySpace max="-2" attributes="0"/>
</Group>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
            <EmptySpace max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel2" alignment="3" min="-2" max="-2"
                    attributes="0"/>
                <Component id="TID" alignment="3" min="-2" max="-2"
                    attributes="0"/>
                <Component id="GetDetails" alignment="3" min="-2" max
                    ="-2" attributes="0"/>
            </Group>
            <EmptySpace type="separate" max="-2" attributes="0"/>
            <Component id="jScrollPane1" min="-2" pref="24" max="-2"
                attributes="0"/>
        </Group>
        <Group type="103" groupAlignment="0" attributes="0">
            <Group type="102" attributes="0">
                <EmptySpace max="-2" attributes="0"/>
                <Component id="jPanel6" max="32767" attributes="0"/>
                <EmptySpace max="-2" attributes="0"/>
            </Group>
            <Group type="102" alignment="0" attributes="0">
                <EmptySpace min="-2" pref="21" max="-2" attributes
                    ="0"/>
                <Component id="jButton1" min="-2" max="-2" attributes
                    ="0"/>
                <EmptySpace max="32767" attributes="0"/>
            </Group>
        </Group>
    </Group>
</Group>

```

```
</DimensionLayout>
</Layout>
<SubComponents>
  <Component class="javax.swing.JLabel" name="jLabel2">
    <Properties>
      <Property name="text" type="java.lang.String" value="Transaction Id :"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JTextField" name="TID">
    <Events>
      <EventHandler event="actionPerformed" listener="java.awt.event.
        ActionListener" parameters="java.awt.event.ActionEvent" handler="
        TIDActionPerformed"/>
    </Events>
  </Component>
  <Component class="javax.swing.JButton" name="GetDetails">
    <Properties>
      <Property name="text" type="java.lang.String" value="Get Details "/>
    </Properties>
    <Events>
      <EventHandler event="actionPerformed" listener="java.awt.event.
        ActionListener" parameters="java.awt.event.ActionEvent" handler="
        GetDetailsActionPerformed"/>
    </Events>
  </Component>
  <Container class="javax.swing.JPanel" name="jPanel6">
    <Properties>
      <Property name="background" type="java.awt.Color" editor="org.netbeans
        .beaninfo.editors.ColorEditor">
        <Color blue="cc" green="cc" red="cc" type="rgb"/>
      </Property>
      <Property name="border" type="javax.swing.border.Border" editor="org.
       .netbeans.modules.form.editors2.BorderEditor">
        <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo
          ">
          <BevelBorder/>
        </Border>
      </Property>
    </Properties>
  </Layout>
```

```

<DimensionLayout dim="0">
  <Group type="103" groupAlignment="0" attributes="0">
    <Component id="jSeparator1" alignment="0" max="32767"
      attributes="0"/>
    <Component id="jSeparator2" alignment="0" max="32767"
      attributes="0"/>
  <Group type="102" attributes="0">
    <EmptySpace max="-2" attributes="0"/>
    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" alignment="0" attributes="0">
        <Group type="103" groupAlignment="0" attributes
          ="0">
          <Component id="jLabel3" alignment="0" min="-2"
            max="-2" attributes="0"/>
          <Component id="jLabel4" alignment="0" min="-2"
            max="-2" attributes="0"/>
          <Component id="jLabel5" alignment="0" min="-2"
            max="-2" attributes="0"/>
          <Component id="jLabel6" alignment="0" min="-2"
            max="-2" attributes="0"/>
        </Group>
        <EmptySpace min="-2" pref="36" max="-2" attributes
          ="0"/>
        <Group type="103" groupAlignment="0" max="-2"
          attributes="0">
          <Component id="CustomerName" alignment="0"
            max="32767" attributes="0"/>
          <Component id="Sn" alignment="0" max="32767"
            attributes="0"/>
          <Component id="ATime" alignment="0" max
            ="32767" attributes="0"/>
          <Component id="CheckOutTime" alignment="0" pref
            ="155" max="32767" attributes="0"/>
        </Group>
        <EmptySpace max="32767" attributes="0"/>
      </Group>
      <Group type="102" alignment="0" attributes="0">
        <Group type="103" groupAlignment="0" attributes
          ="0">
          <Component id="jLabel7" alignment="0" min="-2"
            max="-2" attributes="0"/>

```

```

        <Component id="jLabel8" alignment="0" min="-2"
            max="-2" attributes="0"/>
        <Component id="jLabel14" alignment="0" min="-2"
            max="-2" attributes="0"/>
    </Group>
    <EmptySpace min="-2" pref="44" max="-2" attributes
        ="0"/>
    <Group type="103" groupAlignment="1" attributes
        ="0">
        <Component id="Paymentmode" min="-2" pref
            ="154" max="-2" attributes="0"/>
        <Group type="102" alignment="1" attributes="0">
            <Component id="jLabel21" min="-2" max
                ="-2" attributes="0"/>
            <EmptySpace max="-2" attributes="0"/>
            <Component id="Fee" min="-2" pref="125"
                max="-2" attributes="0"/>
        </Group>
        <Component id="Remark" alignment="1" min="-2"
            pref="156" max="-2" attributes="0"/>
    </Group>
    <EmptySpace max="32767" attributes="0"/>
    <Component id="jButton2" min="-2" max="-2"
        attributes="0"/>
    <EmptySpace min="-2" pref="37" max="-2" attributes
        ="0"/>
</Group>
<Group type="102" attributes="0">
    <Component id="jLabel17" min="-2" max="-2"
        attributes="0"/>
    <EmptySpace max="-2" attributes="0"/>
    <Component id="Duration" min="-2" pref="320" max
        ="-2" attributes="0"/>
    <EmptySpace min="0" pref="41" max="32767"
        attributes="0"/>
</Group>
</Group>
</Group>
<Group type="102" alignment="1" attributes="0">
    <EmptySpace max="32767" attributes="0"/>

```

```

    <Component id="Submit" min="-2" max="-2" attributes
        ="0"/>
    <EmptySpace min="-2" pref="226" max="-2" attributes
        ="0"/>
    </Group>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
            <EmptySpace max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel3" alignment="3" min="-2" max
                    ="-2" attributes="0"/>
                <Component id="CustomerName" alignment="3" min="-2"
                    max="-2" attributes="0"/>
            </Group>
            <EmptySpace max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel4" alignment="3" min="-2" max
                    ="-2" attributes="0"/>
                <Component id="Sn" alignment="3" min="-2" max="-2"
                    attributes="0"/>
            </Group>
            <EmptySpace max="-2" attributes="0"/>
            <Group type="103" groupAlignment="0" attributes="0">
                <Component id="jLabel5" alignment="0" min="-2" max
                    ="-2" attributes="0"/>
                <Component id="ATime" alignment="0" min="-2" max
                    ="-2" attributes="0"/>
            </Group>
            <EmptySpace max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel6" alignment="3" min="-2" max
                    ="-2" attributes="0"/>
                <Component id="CheckOutTime" alignment="3" min="-2"
                    max="-2" attributes="0"/>
            </Group>
            <EmptySpace max="-2" attributes="0"/>
            <Component id="jSeparator2" min="-2" pref="10" max="-2"
                attributes="0"/>

```

```

<EmptySpace max="-2" attributes="0"/>
<Group type="103" groupAlignment="3" attributes="0">
  <Component id="jLabel17" alignment="3" min="-2" max
    ="-2" attributes="0"/>
  <Component id="Duration" alignment="3" min="-2" max
    ="-2" attributes="0"/>
</Group>
<EmptySpace max="-2" attributes="0"/>
<Component id="jSeparator1" min="-2" pref="10" max="-2"
  attributes="0"/>
<EmptySpace type="unrelated" max="-2" attributes="0"/>
<Group type="103" groupAlignment="3" attributes="0">
  <Component id="jLabel14" alignment="3" min="-2" max
    ="-2" attributes="0"/>
  <Component id="Paymentmode" alignment="3" min="-2"
    max="-2" attributes="0"/>
</Group>
<EmptySpace min="-2" max="-2" attributes="0"/>
<Group type="103" groupAlignment="3" attributes="0">
  <Component id="jLabel7" alignment="3" min="-2" max
    ="-2" attributes="0"/>
  <Component id="Fee" alignment="3" min="-2" max="-2"
    attributes="0"/>
  <Component id="jButton2" alignment="3" min="-2" max
    ="-2" attributes="0"/>
  <Component id="jLabel21" alignment="3" min="-2" max
    ="-2" attributes="0"/>
</Group>
<EmptySpace max="32767" attributes="0"/>
<Group type="103" groupAlignment="3" attributes="0">
  <Component id="jLabel8" alignment="3" min="-2" max
    ="-2" attributes="0"/>
  <Component id="Remark" alignment="3" min="-2" max
    ="-2" attributes="0"/>
</Group>
<EmptySpace min="-2" pref="32" max="-2" attributes="0"/>
<Component id="Submit" min="-2" max="-2" attributes
  ="0"/>
<EmptySpace min="-2" pref="28" max="-2" attributes="0"/>
</Group>
</Group>

```

```
</DimensionLayout>
</Layout>
<SubComponents>
  <Component class="javax.swing.JLabel" name="jLabel3">
    <Properties>
      <Property name="text" type="java.lang.String" value="Customer
        Name : -" />
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel4">
    <Properties>
      <Property name="text" type="java.lang.String" value="Booked Slot No
        :- " />
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel5">
    <Properties>
      <Property name="text" type="java.lang.String" value="Booked Time
        :-" />
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel6">
    <Properties>
      <Property name="text" type="java.lang.String" value="Checkout Time
        :-" />
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel7">
    <Properties>
      <Property name="text" type="java.lang.String" value="Amount to pay
        :-" />
    </Properties>
  </Component>
  <Component class="javax.swing.JSeparator" name="jSeparator1">
</Component>
  <Component class="javax.swing.JTextField" name="CustomerName">
    <Properties>
      <Property name="editable" type="boolean" value="false" />
      <Property name="background" type="java.awt.Color" editor="org.
        netbeans.beaninfo.editors.ColorEditor">
        <Color blue="cc" green="cc" red="cc" type="rgb" />
      </Property>
    </Properties>
  </Component>
</SubComponents>
</Form>
```



```
</Property>
</Properties>
</Component>
<Component class="javax.swing.JTextField" name="Sn">
  <Properties>
    <Property name="editable" type="boolean" value="false"/>
    <Property name="background" type="java.awt.Color" editor="org.
      netbeans.beaninfo.editors.ColorEditor">
      <Color blue="cc" green="cc" red="cc" type="rgb"/>
    </Property>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
      ActionListener" parameters="java.awt.event.ActionEvent" handler="
      SnActionPerformed"/>
  </Events>
</Component>
<Component class="javax.swing.JTextField" name="ATime">
  <Properties>
    <Property name="editable" type="boolean" value="false"/>
    <Property name="background" type="java.awt.Color" editor="org.
      netbeans.beaninfo.editors.ColorEditor">
      <Color blue="cc" green="cc" red="cc" type="rgb"/>
    </Property>
  </Properties>
</Component>
<Component class="javax.swing.JTextField" name="CheckOutTime">
  <Properties>
    <Property name="editable" type="boolean" value="false"/>
    <Property name="background" type="java.awt.Color" editor="org.
      netbeans.beaninfo.editors.ColorEditor">
      <Color blue="cc" green="cc" red="cc" type="rgb"/>
    </Property>
  </Properties>
</Component>
<Component class="javax.swing.JTextField" name="Fee">
  <Properties>
    <Property name="editable" type="boolean" value="false"/>
    <Property name="background" type="java.awt.Color" editor="org.
      netbeans.beaninfo.editors.ColorEditor">
      <Color blue="cc" green="cc" red="cc" type="rgb"/>
    </Property>
  </Properties>
</Component>
```

```
</Property>
</Properties>
</Component>
<Component class="javax.swing.JButton" name="jButton2">
  <Properties>
    <Property name="text" type="java.lang.String" value="Pay"/>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
      ActionListener" parameters="java.awt.event.ActionEvent" handler="
        jButton2ActionPerformed"/>
  </Events>
</Component>
<Component class="javax.swing.JButton" name="Submit">
  <Properties>
    <Property name="text" type="java.lang.String" value="Submit"/>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
      ActionListener" parameters="java.awt.event.ActionEvent" handler="
        SubmitActionPerformed"/>
  </Events>
</Component>
<Component class="javax.swing.JLabel" name="jLabel8">
  <Properties>
    <Property name="text" type="java.lang.String" value="Remarks :–
      "/>
  </Properties>
</Component>
<Component class="javax.swing.JTextField" name="Remark">
</Component>
<Component class="javax.swing.JLabel" name="jLabel14">
  <Properties>
    <Property name="text" type="java.lang.String" value="Payment Mode
      :–"/>
  </Properties>
</Component>
<Component class="javax.swing.JComboBox" name="Paymentmode">
  <Properties>
    <Property name="model" type="javax.swing.ComboBoxModel" editor
      ="org.netbeans.modules.form.editors2.ComboBoxModelEditor">
```

```

    <StringArray count="7">
        <StringItem index="0" value="Credit Card"/>
        <StringItem index="1" value="Debit Card"/>
        <StringItem index="2" value="Paytm"/>
        <StringItem index="3" value="Phone Pay"/>
        <StringItem index="4" value="Mobikwik"/>
        <StringItem index="5" value="Tez"/>
        <StringItem index="6" value="GooglePay"/>
    </StringArray>
</Property>
</Properties>
<Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.
        ActionListener" parameters="java.awt.event.ActionEvent" handler="
        PaymentmodeActionPerformed"/>
</Events>
<AuxValues>
    <AuxValue name="JavaCodeGenerator_TypeParameters" type="java.
        lang.String" value="&lt;String&gt;"/>
</AuxValues>
</Component>
<Component class="javax.swing.JLabel" name="jLabel17">
    <Properties>
        <Property name="text" type="java.lang.String" value=" -: Parking
            Duration:- "/>
    </Properties>
</Component>
<Component class="javax.swing.JSeparator" name="jSeparator2">
</Component>
<Component class="javax.swing.JTextField" name="Duration">
    <Properties>
        <Property name="editable" type="boolean" value="false"/>
        <Property name="background" type="java.awt.Color" editor="org.
            netbeans.beaninfo.editors.ColorEditor">
            <Color blue="cc" green="cc" red="cc" type="rgb"/>
        </Property>
    </Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel21">
    <Properties>
        <Property name="text" type="java.lang.String" value="RS:"/>

```

```

        </Properties>
    </Component>
</SubComponents>
</Container>
<Container class="javax.swing.JScrollPane" name="jScrollPane1">
    <AuxValues>
        <AuxValue name="autoScrollPane" type="java.lang.Boolean" value="true
            "/>
    </AuxValues>

    <Layout class="org.netbeans.modules.form.compat2.layouts.support.
        JScrollPaneSupportLayout"/>
    <SubComponents>
        <Component class="javax.swing.JTable" name="jTable1">
            <Properties>
                <Property name="model" type="javax.swing.table.TableModel" editor
                    ="org.netbeans.modules.form.editors2.TableModelEditor">
                    <Table columnCount="5" rowCount="0">
                        <Column editable="true" title=" " type="java.lang.Object"/>
                        <Column editable="true" title=" " type="java.lang.Object"/>
                        <Column editable="true" title=" " type="java.lang.Object"/>
                        <Column editable="true" title=" " type="java.lang.Object"/>
                        <Column editable="true" title=" " type="java.lang.Object"/>
                    </Table>
                </Property>
                <Property name="columnModel" type="javax.swing.table.
                    TableColumnModel" editor="org.netbeans.modules.form.editors2.
                    TableColumnModelEditor">
                    <TableColumnModel selectionModel="0">
                        <Column maxWidth="-1" minWidth="-1" prefWidth="-1"
                            resizable="true">
                            <Title/>
                            <Editor/>
                            <Renderer/>
                        </Column>
                        <Column maxWidth="-1" minWidth="-1" prefWidth="-1"
                            resizable="true">
                            <Title/>
                            <Editor/>
                            <Renderer/>
                        </Column>

```

```

        <Column maxWidth="-1" minWidth="-1" prefWidth="-1"
            resizable="true">
            <Title/>
            <Editor/>
            <Renderer/>
        </Column>
        <Column maxWidth="-1" minWidth="-1" prefWidth="-1"
            resizable="true">
            <Title/>
            <Editor/>
            <Renderer/>
        </Column>
        <Column maxWidth="-1" minWidth="-1" prefWidth="-1"
            resizable="true">
            <Title/>
            <Editor/>
            <Renderer/>
        </Column>
    </TableColumnModel>
</Property>
<Property name="tableHeader" type="javax.swing.table.JTableHeader"
    editor="org.netbeans.modules.form.editors2.JTableHeaderEditor">
    <TableHeader reorderingAllowed="true" resizingAllowed="true"/>
</Property>
</Properties>
</Component>
</SubComponents>
</Container>
<Component class="javax.swing.JButton" name="jButton1">
    <Properties>
        <Property name="text" type="java.lang.String" value="Clear"/>
    </Properties>
    <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.
            ActionListener" parameters="java.awt.event.ActionEvent" handler="
            jButton1ActionPerformed"/>
    </Events>
</Component>
</SubComponents>
</Container>
<Container class="javax.swing.JPanel" name="jPanel7">

```

```

<Properties>
  <Property name="background" type="java.awt.Color" editor="org.netbeans.
    beaninfo.editors.ColorEditor">
    <Color blue="cc" green="cc" red="cc" type="rgb"/>
  </Property>
  <Property name="border" type="javax.swing.border.Border" editor="org.
   .netbeans.modules.form.editors2.BorderEditor">
    <Border info="org.netbeans.modules.form.compat2.border.TitledBorderInfo">
      <TitledBorder title=" Transaction Details "/>
    </Border>
  </Property>
</Properties>

<Layout>
  <DimensionLayout dim="0">
    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" alignment="0" attributes="0">
        <EmptySpace max="-2" attributes="0"/>
        <Component id="jPanel8" max="32767" attributes="0"/>
        <EmptySpace min="-2" max="-2" attributes="0"/>
      </Group>
    </Group>
  </DimensionLayout>
  <DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" alignment="1" attributes="0">
        <EmptySpace max="32767" attributes="0"/>
        <Component id="jPanel8" min="-2" pref="365" max="-2"
          attributes="0"/>
        <EmptySpace max="-2" attributes="0"/>
      </Group>
    </Group>
  </DimensionLayout>
</Layout>
<SubComponents>
  <Container class="javax.swing.JPanel" name="jPanel8">
    <Properties>
      <Property name="border" type="javax.swing.border.Border" editor="org.
       .netbeans.modules.form.editors2.BorderEditor">
        <Border info="org.netbeans.modules.form.compat2.border.BevelBorderInfo
          ">

```

```

        <BevelBorder/>
    </Border>
</Property>
</Properties>

<Layout>
    <DimensionLayout dim="0">
        <Group type="103" groupAlignment="0" attributes="0">
            <Group type="102" alignment="0" attributes="0">
                <Component id="jScrollPane3" min="-2" pref="930" max="-2"
                    attributes="0"/>
                <EmptySpace min="0" pref="0" max="32767" attributes="0"/>
            </Group>
        </Group>
    </DimensionLayout>
    <DimensionLayout dim="1">
        <Group type="103" groupAlignment="0" attributes="0">
            <Group type="102" alignment="1" attributes="0">
                <EmptySpace max="32767" attributes="0"/>
                <Component id="jScrollPane3" min="-2" pref="300" max="-2"
                    attributes="0"/>
                <EmptySpace min="-2" pref="110" max="-2" attributes
                    ="0"/>
            </Group>
        </Group>
    </DimensionLayout>
</Layout>
<SubComponents>
    <Container class="javax.swing.JScrollPane" name="jScrollPane3">
        <AuxValues>
            <AuxValue name="autoScrollPane" type="java.lang.Boolean" value="
                true"/>
        </AuxValues>

    <Layout class="org.netbeans.modules.form.compat2.layouts.support.
        JScrollPaneSupportLayout"/>
    <SubComponents>
        <Component class="javax.swing.JTable" name="Trn">
            <Properties>
                <Property name="model" type="javax.swing.table.TableModel"
                    editor="org.netbeans.modules.form.editors2.TableModelEditor">

```

```
<Table columnCount="4" rowCount="4">
  <Column editable="true" title="TransId" type="java.lang.
    Object"/>
  <Column editable="true" title="CustomerName" type="java.
    lang.Object"/>
  <Column editable="true" title="SlotsNo" type="java.lang.
    Object"/>
  <Column editable="true" title="Check In" type="java.lang.
    Object"/>
</Table>
</Property>
<Property name="columnModel" type="javax.swing.table.
  TableColumnModel" editor="org.netbeans.modules.form.editors2.
  TableColumnModelEditor">
  <TableColumnModel selectionModel="0">
    <Column maxWidth="-1" minWidth="-1" prefWidth="-1"
      resizable="true">
      <Title/>
      <Editor/>
      <Renderer/>
    </Column>
    <Column maxWidth="-1" minWidth="-1" prefWidth="-1"
      resizable="true">
      <Title/>
      <Editor/>
      <Renderer/>
    </Column>
    <Column maxWidth="-1" minWidth="-1" prefWidth="-1"
      resizable="true">
      <Title/>
      <Editor/>
      <Renderer/>
    </Column>
    <Column maxWidth="-1" minWidth="-1" prefWidth="-1"
      resizable="true">
      <Title/>
      <Editor/>
      <Renderer/>
    </Column>
  </TableColumnModel>
</Property>
```



```

        <Property name="tableHeader" type="javax.swing.table.
            JTableHeader" editor="org.netbeans.modules.form.editors2.
            JTableHeaderEditor">
            <TableHeader reorderingAllowed="true" resizingAllowed="true
                "/>
        </Property>
    </Properties>
</Component>
</SubComponents>
</Container>
</SubComponents>
</Container>
</SubComponents>
</Container>
</SubComponents>
</Container>
</SubComponents>
</Form>

```

Operator Main Page

```

package sps.standalone;

import java.awt.Dimension;
import java.awt.Graphics;
import java.awt.Graphics2D;
import java.awt.HeadlessException;
import java.awt.print.PageFormat;
import java.awt.print.Printable;
import java.awt.print.PrinterException;
import java.awt.print.PrinterJob;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Timestamp;
import java.time.Instant;
import java.util.Calendar;
import java.util.Date;
import java.util.GregorianCalendar;

```

```
import java.util.Random;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import net.connectcode.Code128Auto;
```

```
public final class OperatorMainPage extends javax.swing.JFrame {
```

```
    public OperatorMainPage() {
        initComponents();
        updatedetails();
        currentdate();
        updateTransaction();
        Submit.setVisible(false);
```

```
        //transUpdate();
    }
```

```
@SuppressWarnings("unchecked")
```

```
// <editor-fold defaultstate="collapsed" desc="Generated Code"> //GEN-BEGIN:
```

```
    initComponents
private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel15 = new javax.swing.JLabel();
    TodayDate = new javax.swing.JLabel();
    jLabel16 = new javax.swing.JLabel();
    TodayTime = new javax.swing.JLabel();
    jButton5 = new javax.swing.JButton();
    jPanel2 = new javax.swing.JPanel();
    jPanel3 = new javax.swing.JPanel();
    jPanel5 = new javax.swing.JPanel();
    jLabel9 = new javax.swing.JLabel();
    jLabel10 = new javax.swing.JLabel();
    jLabel11 = new javax.swing.JLabel();
```

```
jLabel12 = new javax.swing.JLabel();
jLabel13 = new javax.swing.JLabel();
jLabel18 = new javax.swing.JLabel();
jSeparator3 = new javax.swing.JSeparator();
jSeparator4 = new javax.swing.JSeparator();
btnCheckIn = new javax.swing.JButton();
Barcode = new javax.swing.JTextField();
VehicleNo = new javax.swing.JTextField();
OwnerName = new javax.swing.JTextField();
MobileNumber = new javax.swing.JTextField();
ChekinTime = new javax.swing.JTextField();
TransID = new javax.swing.JTextField();
Clear1 = new javax.swing.JButton();
PrintPanel = new javax.swing.JPanel();
jLabel19 = new javax.swing.JLabel();
jLabel22 = new javax.swing.JLabel();
jLabel23 = new javax.swing.JLabel();
jLabel24 = new javax.swing.JLabel();
Barcode1 = new javax.swing.JTextField();
DToday1 = new javax.swing.JLabel();
OwnName = new javax.swing.JTextField();
VNo = new javax.swing.JTextField();
DTranID = new javax.swing.JTextField();
jLabel29 = new javax.swing.JLabel();
SlotNumber = new javax.swing.JTextField();
jLabel25 = new javax.swing.JLabel();
Slots = new javax.swing.JComboBox<>();
jLabel26 = new javax.swing.JLabel();
DocType = new javax.swing.JComboBox<>();
DocNumber = new javax.swing.JTextField();
jLabel27 = new javax.swing.JLabel();
jLabel28 = new javax.swing.JLabel();
VehicleName = new javax.swing.JTextField();
jLabel20 = new javax.swing.JLabel();
VType = new javax.swing.JComboBox<>();
print = new javax.swing.JButton();
jPanel4 = new javax.swing.JPanel();
jLabel2 = new javax.swing.JLabel();
TID = new javax.swing.JTextField();
GetDetails = new javax.swing.JButton();
jPanel6 = new javax.swing.JPanel();
```

```
jLabel3 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jSeparator1 = new javax.swing.JSeparator();
CustomerName = new javax.swing.JTextField();
Sn = new javax.swing.JTextField();
ATime = new javax.swing.JTextField();
CheckOutTime = new javax.swing.JTextField();
Fee = new javax.swing.JTextField();
jButton2 = new javax.swing.JButton();
Submit = new javax.swing.JButton();
jLabel8 = new javax.swing.JLabel();
Remark = new javax.swing.JTextField();
jLabel14 = new javax.swing.JLabel();
Paymentmode = new javax.swing.JComboBox<>();
jLabel17 = new javax.swing.JLabel();
jSeparator2 = new javax.swing.JSeparator();
Duration = new javax.swing.JTextField();
jLabel21 = new javax.swing.JLabel();
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
jButton1 = new javax.swing.JButton();
jPanel7 = new javax.swing.JPanel();
jPanel8 = new javax.swing.JPanel();
jScrollPane3 = new javax.swing.JScrollPane();
Trn = new javax.swing.JTable();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
setTitle("Operator Main Page");
setResizable(false);

jPanel1.setBackground(new java.awt.Color(0, 102, 153));
jPanel1.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.
    BevelBorder.RAISED, null, java.awt.Color.gray, null, null));

jLabel1.setFont(new java.awt.Font("Matura MT Script Capitals", 1, 36)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
jLabel1.setText("Smart Parking System");
```

```
jLabel15.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel15.setForeground(new java.awt.Color(255, 255, 255));
jLabel15.setText("Date");

TodayDate.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N
TodayDate.setForeground(new java.awt.Color(255, 255, 255));

jLabel16.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel16.setForeground(new java.awt.Color(255, 255, 255));
jLabel16.setText("Time");

TodayTime.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
TodayTime.setForeground(new java.awt.Color(255, 255, 255));

jButton5.setText("Exit");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
        LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.
            createSequentialGroup())
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.
            Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addComponent(jButton5)
                .addGap(35, 35, 35)
                .addComponent(TodayDate, javax.swing.GroupLayout.
                    PREFERRED_SIZE, 222, javax.swing.GroupLayout.
                    PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
                    RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.
                    MAX_VALUE)
                .addComponent(jLabel16)
```

```
.addGap(18, 18, 18))
.addGroup(jPanel1Layout.createSequentialGroup()
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.
    MAX_VALUE)
.addComponent(jLabel1)
.addGap(440, 440, 440)))
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.LEADING)
.addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE,
    145, javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(TodayTime, javax.swing.GroupLayout.
    PREFERRED_SIZE, 196, javax.swing.GroupLayout.
    PREFERRED_SIZE))
.addContainerGap()
);
jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
    LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.
    MAX_VALUE)
.addComponent(jLabel1)
.addGap(28, 28, 28))
.addGroup(jPanel1Layout.createSequentialGroup()
.addContainerGap()
.addComponent(jButton5, javax.swing.GroupLayout.
    PREFERRED_SIZE, 63, javax.swing.GroupLayout.
    PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
    RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.
    MAX_VALUE)))
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.BASELINE)
.addComponent(jLabel15)
```

```
.addComponent(TodayDate, javax.swing.GroupLayout.  
    PREFERRED_SIZE, 28, javax.swing.GroupLayout.  
    PREFERRED_SIZE))  
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.BASELINE)  
    .addComponent(jLabel16)  
    .addComponent(TodayTime, javax.swing.GroupLayout.  
        PREFERRED_SIZE, 28, javax.swing.GroupLayout.  
        PREFERRED_SIZE)))  
.addContainerGap()  
);  
  
jPanel2.setBackground(new java.awt.Color(204, 204, 204));  
jPanel2.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.  
    BevelBorder.RAISED));  
  
jPanel3.setBackground(new java.awt.Color(204, 204, 204));  
jPanel3.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.  
    BevelBorder.RAISED));  
  
jPanel5.setBackground(new java.awt.Color(204, 204, 204));  
jPanel5.setBorder(javax.swing.BorderFactory.createTitledBorder("CheckIn Operation  
    "));  
  
jLabel9.setText("Vehicle No :-");  
  
jLabel10.setText("Owner Name :-");  
  
jLabel11.setText("Moblie No :-");  
  
jLabel12.setText("Check in Time :-");  
  
jLabel13.setText("Transaction ID :-");  
  
jLabel18.setText("BarCode");  
  
btnCheckIn.setText(" Confirm ");  
btnCheckIn.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        btnCheckInActionPerformed(evt);  
    }  
});
```

```
    }  
});  
  
Barcode.setEditable(false);  
Barcode.setBackground(new java.awt.Color(204, 204, 204));  
  
VehicleNo.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        VehicleNoActionPerformed(evt);  
    }  
});  
  
ChekinTime.setEditable(false);  
ChekinTime.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        ChekinTimeActionPerformed(evt);  
    }  
});  
  
TransID.setEditable(false);  
  
Clear1.setText("Clear");  
Clear1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        Clear1ActionPerformed(evt);  
    }  
});  
  
PrintPanel.setBackground(new java.awt.Color(255, 255, 255));  
  
jLabel19.setFont(new java.awt.Font("Tempus Sans ITC", 1, 18)); // NOI18N  
jLabel19.setText("Smart Parking System");  
  
jLabel22.setText("Name :—");  
  
jLabel23.setText("Vehicle No :—");  
  
jLabel24.setText("Transaction Id :—");  
  
Barcode1.setEditable(false);  
Barcode1.setBackground(new java.awt.Color(255, 255, 255));
```



```
.addComponent(jLabel19))
.addGroup(PrintPanelLayout.createSequentialGroup())
.addGap(74, 74, 74)
.addGroup(PrintPanelLayout.createParallelGroup(javax.swing.
    GroupLayout.Alignment.LEADING)
    .addComponent(jLabel22)
    .addComponent(jLabel23)
    .addComponent(jLabel24)
    .addComponent(jLabel29))
.addGap(40, 40, 40)
.addGroup(PrintPanelLayout.createParallelGroup(javax.swing.
    GroupLayout.Alignment.LEADING, false)
    .addComponent(OwnName)
    .addComponent(VNo)
    .addComponent(DTranID, javax.swing.GroupLayout.
        DEFAULT_SIZE, 200, Short.MAX_VALUE)
    .addGroup(PrintPanelLayout.createSequentialGroup()
        .addGap(10, 10, 10)
        .addComponent(SlotNumber, javax.swing.GroupLayout.
            PREFERRED_SIZE, 175, javax.swing.GroupLayout.
            PREFERRED_SIZE))))
.addGroup(PrintPanelLayout.createSequentialGroup())
.addGap(59, 59, 59)
.addGroup(PrintPanelLayout.createParallelGroup(javax.swing.
    GroupLayout.Alignment.LEADING)
    .addComponent(Barcode1, javax.swing.GroupLayout.
        PREFERRED_SIZE, 362, javax.swing.GroupLayout.
        PREFERRED_SIZE)
    .addComponent(DToday1, javax.swing.GroupLayout.
        PREFERRED_SIZE, 368, javax.swing.GroupLayout.
        PREFERRED_SIZE))))
.addContainerGap(64, Short.MAX_VALUE))
);
PrintPanelLayout.setVerticalGroup(
    PrintPanelLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.
        LEADING)
    .addGroup(PrintPanelLayout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel19)
        .addGap(47, 47, 47)
```

```
.addGroup(PrintPanelLayout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.BASELINE)  
    .addComponent(jLabel22, javax.swing.GroupLayout.PREFERRED_SIZE,  
        20, javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(OwnName, javax.swing.GroupLayout.  
        PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
.addGroup(PrintPanelLayout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.BASELINE)  
    .addComponent(jLabel23)  
    .addComponent(VNo, javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.  
        PREFERRED_SIZE))  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
.addGroup(PrintPanelLayout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.BASELINE)  
    .addComponent(jLabel29)  
    .addComponent(SlotNumber, javax.swing.GroupLayout.  
        PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))  
.addGap(13, 13, 13)  
.addGroup(PrintPanelLayout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.BASELINE)  
    .addComponent(jLabel24)  
    .addComponent(DTranID, javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.  
        PREFERRED_SIZE))  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
.addComponent(Barcode1, javax.swing.GroupLayout.PREFERRED_SIZE, 84,  
    javax.swing.GroupLayout.PREFERRED_SIZE)  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,  
    18, Short.MAX_VALUE)  
.addComponent(DToday1)  
.addGap(38, 38, 38))  
);  
  
jLabel25.setText(" Available Slot :-");  
  
jLabel26.setText(" Document Type :-");
```

```
DocType.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "
    AADHAR CARD", "ELECTION ID", "FORMER CARD", "GOVERNMENT
    CARD", "PASSPORT" }));
DocType.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        DocTypeActionPerformed(evt);
    }
});

jLabel27.setText("Document No :—");

jLabel28.setText("Vehicle Name :—");

jLabel20.setText("Vehicle Type :—");

VType.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "2
    Wheeler", "4 Wheeler" }));

print.setText("Print");
print.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        printActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanel5Layout = new javax.swing.GroupLayout(jPanel5);
jPanel5.setLayout(jPanel5Layout);
jPanel5Layout.setHorizontalGroup(
    jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
        LEADING)
        .addComponent(jSeparator4)
        .addGroup(jPanel5Layout.createSequentialGroup()
            .addComponent(jLabel18)
            .addGap(153, 153, 153)
            .addComponent(Barcode, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(print)
            .addContainerGap())
        .addGap(153, 153, 153));
```

```
.addComponent(jSeparator3)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel5Layout.
    createSequentialGroup())
    .addGap(0, 0, Short.MAX_VALUE)
    .addComponent(btnCheckIn)
    .addGap(353, 353, 353))
.addGroup(jPanel5Layout.createSequentialGroup()
    .addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.
        Alignment.LEADING)
        .addGroup(jPanel5Layout.createSequentialGroup()
            .addGap(164, 164, 164)
            .addComponent(PrintPanel, javax.swing.GroupLayout.
                PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(jPanel5Layout.createSequentialGroup()
            .addGap(24, 24, 24)
            .addGroup(jPanel5Layout.createParallelGroup(javax.swing.
                GroupLayout.Alignment.LEADING)
                .addComponent(jLabel10)
                .addComponent(jLabel11)
                .addComponent(jLabel12)
                .addComponent(jLabel13)
                .addComponent(jLabel25)
                .addComponent(jLabel26)
                .addComponent(jLabel27)
                .addComponent(jLabel28)
                .addComponent(jLabel20)
                .addComponent(jLabel9)))
            .addGap(194, 194, 194)
            .addGroup(jPanel5Layout.createParallelGroup(javax.swing.
                GroupLayout.Alignment.LEADING, false)
                .addComponent(DocNumber)
                .addComponent(VehicleNo)
                .addComponent(OwnerName)
                .addComponent(MobileNumber)
                .addComponent(ChekinTime)
                .addComponent(TransID)
                .addComponent(Slots, 0, javax.swing.GroupLayout.
                    DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(DocType, 0, 200, Short.MAX_VALUE)
                .addComponent(VehicleName)
```

```
.addComponent(VType, 0, javax.swing.GroupLayout.  
    DEFAULT_SIZE, Short.MAX_VALUE))  
.addGap(52, 52, 52)  
.addComponent(Clear1)))  
.addContainerGap(163, Short.MAX_VALUE))  
);  
jPanel5Layout.setVerticalGroup(  
    jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.  
        LEADING)  
.addGroup(jPanel5Layout.createSequentialGroup()  
    .addGap(26, 26, 26)  
    .addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.  
        Alignment.BASELINE)  
    .addComponent(jLabel9)  
    .addComponent(VehicleNo, javax.swing.GroupLayout.PREFERRED_SIZE  
        , javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.  
        GroupLayout.PREFERRED_SIZE))  
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.LEADING)  
    .addGroup(jPanel5Layout.createSequentialGroup()  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
            RELATED)  
    .addGroup(jPanel5Layout.createParallelGroup(javax.swing.  
        GroupLayout.Alignment.BASELINE)  
    .addComponent(VehicleName, javax.swing.GroupLayout.  
        PREFERRED_SIZE, javax.swing.GroupLayout.  
        DEFAULT_SIZE, javax.swing.GroupLayout.  
        PREFERRED_SIZE)  
    .addComponent(jLabel28))  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
        RELATED)  
    .addGroup(jPanel5Layout.createParallelGroup(javax.swing.  
        GroupLayout.Alignment.BASELINE)  
    .addComponent(jLabel20)  
    .addComponent(VType, javax.swing.GroupLayout.  
        PREFERRED_SIZE, javax.swing.GroupLayout.  
        DEFAULT_SIZE, javax.swing.GroupLayout.  
        PREFERRED_SIZE)))  
.addGroup(jPanel5Layout.createSequentialGroup()  
    .addGap(16, 16, 16)
```

```
.addComponent(Clear1, javax.swing.GroupLayout.  
    PREFERRED_SIZE, 45, javax.swing.GroupLayout.  
    PREFERRED_SIZE)))  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.BASELINE)  
    .addComponent(OwnerName, javax.swing.GroupLayout.  
        PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel10))  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.LEADING)  
    .addComponent(jLabel11)  
    .addComponent(MobileNumber, javax.swing.GroupLayout.  
        PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.LEADING)  
    .addComponent(jLabel26)  
    .addComponent(DocType, javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.  
        PREFERRED_SIZE))  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.LEADING)  
    .addComponent(DocNumber, javax.swing.GroupLayout.  
        PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(jLabel27))  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.LEADING)  
    .addComponent(jLabel12)  
    .addComponent(ChekinTime, javax.swing.GroupLayout.  
        PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.LEADING)
```

```
.addComponent(jLabel13)
.addComponent(TransID, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.
    PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
    UNRELATED)
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.LEADING)
    .addComponent(jLabel25)
    .addComponent(Slots, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.
        PREFERRED_SIZE))
.addGap(26, 26, 26)
.addComponent(btnCheckIn)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
    UNRELATED)
.addComponent(jSeparator3, javax.swing.GroupLayout.PREFERRED_SIZE,
    8, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.LEADING)
    .addGroup(jPanel5Layout.createSequentialGroup()
        .addGap(7, 7, 7)
        .addGroup(jPanel5Layout.createParallelGroup(javax.swing.
            GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel18)
            .addComponent(Barcode, javax.swing.GroupLayout.
                PREFERRED_SIZE, 76, javax.swing.GroupLayout.
                PREFERRED_SIZE))
        .addGap(21, 21, 21))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
        jPanel5Layout.createSequentialGroup()
        .addGap(43, 43, 43)
        .addComponent(print)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
            RELATED)))
.addComponent(jSeparator4, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.
    PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```



```
.addComponent(PrintPanel, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.
                PREFERRED_SIZE)
.addContainerGap()
);

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
        LEADING)
.addGroup(jPanel3Layout.createSequentialGroup()
    .addContainerGap()
    .addComponent(jPanel5, javax.swing.GroupLayout.DEFAULT_SIZE, javax.
        swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addGap(0, 0, 0))
);
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
        LEADING)
.addGroup(jPanel3Layout.createSequentialGroup()
    .addContainerGap()
    .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED_SIZE, 858,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addContainerGap(100, Short.MAX_VALUE))
);

jPanel4.setBackground(new java.awt.Color(204, 204, 204));
jPanel4.setBorder(javax.swing.BorderFactory.createTitledBorder("Checkout Operation
    "));

jLabel2.setText("Transaction Id :");

TID.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        TIDActionPerformed(evt);
    }
});

GetDetails.setText("Get Details ");
GetDetails.addActionListener(new java.awt.event.ActionListener() {
```

```
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            GetDetailsActionPerformed(evt);
        }
    });

    jPanel6.setBackground(new java.awt.Color(204, 204, 204));
    jPanel6.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.
        BevelBorder.RAISED));

    jLabel3.setText("Customer Name : –");

    jLabel4.setText("Booked Slot No :– ");

    jLabel5.setText("Booked Time :–");

    jLabel6.setText("Checkout Time :–");

    jLabel7.setText("Amount to pay :–");

    CustomerName.setEditable(false);
    CustomerName.setBackground(new java.awt.Color(204, 204, 204));

    Sn.setEditable(false);
    Sn.setBackground(new java.awt.Color(204, 204, 204));
    Sn.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            SnActionPerformed(evt);
        }
    });

    ATime.setEditable(false);
    ATime.setBackground(new java.awt.Color(204, 204, 204));

    CheckOutTime.setEditable(false);
    CheckOutTime.setBackground(new java.awt.Color(204, 204, 204));

    Fee.setEditable(false);
    Fee.setBackground(new java.awt.Color(204, 204, 204));

    jButton2.setText("Pay");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
```

Page 131 of 180

```
.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.  
    Alignment.LEADING)  
.addGroup(jPanel6Layout.createSequentialGroup()  
    .addGroup(jPanel6Layout.createParallelGroup(javax.swing.  
        GroupLayout.Alignment.LEADING)  
        .addComponent(jLabel3)  
        .addComponent(jLabel4)  
        .addComponent(jLabel5)  
        .addComponent(jLabel6))  
    .addGap(36, 36, 36)  
    .addGroup(jPanel6Layout.createParallelGroup(javax.swing.  
        GroupLayout.Alignment.LEADING, false)  
        .addComponent(CustomerName)  
        .addComponent(Sn)  
        .addComponent(ATime)  
        .addComponent(CheckOutTime, javax.swing.GroupLayout.  
            DEFAULT_SIZE, 155, Short.MAX_VALUE))  
    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.  
        MAX_VALUE))  
.addGroup(jPanel6Layout.createSequentialGroup()  
    .addGroup(jPanel6Layout.createParallelGroup(javax.swing.  
        GroupLayout.Alignment.LEADING)  
        .addComponent(jLabel7)  
        .addComponent(jLabel8)  
        .addComponent(jLabel14))  
    .addGap(44, 44, 44)  
    .addGroup(jPanel6Layout.createParallelGroup(javax.swing.  
        GroupLayout.Alignment.TRAILING)  
        .addComponent(Paymentmode, javax.swing.GroupLayout.  
            PREFERRED_SIZE, 154, javax.swing.GroupLayout.  
            PREFERRED_SIZE)  
        .addGroup(jPanel6Layout.createSequentialGroup()  
            .addComponent(jLabel21)  
            .addPreferredGap(javax.swing.LayoutStyle.  
                ComponentPlacement.RELATED)  
            .addComponent(Fee, javax.swing.GroupLayout.  
                PREFERRED_SIZE, 125, javax.swing.GroupLayout.  
                PREFERRED_SIZE))  
        .addComponent(Remark, javax.swing.GroupLayout.  
            PREFERRED_SIZE, 156, javax.swing.GroupLayout.  
            PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
    RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.  
    MAX_VALUE)  
.addComponent(jButton2)  
.addGap(37, 37, 37))  
.addGroup(jPanel6Layout.createSequentialGroup()  
    .addComponent(jLabel17)  
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.  
        RELATED)  
    .addComponent(Duration, javax.swing.GroupLayout.  
        PREFERRED_SIZE, 320, javax.swing.GroupLayout.  
        PREFERRED_SIZE)  
    .addGap(0, 41, Short.MAX_VALUE))))  
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel6Layout.  
    createSequentialGroup()  
    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.  
        MAX_VALUE)  
    .addComponent(Submit)  
    .addGap(226, 226, 226))  
);  
jPanel6Layout.setVerticalGroup(  
    jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.  
        LEADING)  
    .addGroup(jPanel6Layout.createSequentialGroup()  
        .addContainerGap()  
        .addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.  
            Alignment.BASELINE)  
            .addComponent(jLabel3)  
            .addComponent(CustomerName, javax.swing.GroupLayout.  
                PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,  
                javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
        .addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.  
            Alignment.BASELINE)  
            .addComponent(jLabel4)  
            .addComponent(Sn, javax.swing.GroupLayout.PREFERRED_SIZE, javax.  
                swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.  
                PREFERRED_SIZE))  
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
        .addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.  
            Alignment.LEADING)
```

```
.addComponent(jLabel5)
.addComponent(ATime, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.
    PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.BASELINE)
    .addComponent(jLabel6)
    .addComponent(CheckOutTime, javax.swing.GroupLayout.
        PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jSeparator2, javax.swing.GroupLayout.PREFERRED_SIZE,
    10, javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.BASELINE)
    .addComponent(jLabel17)
    .addComponent(Duration, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.
        PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addComponent(jSeparator1, javax.swing.GroupLayout.PREFERRED_SIZE,
    10, javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
    UNRELATED)
.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.BASELINE)
    .addComponent(jLabel14)
    .addComponent(Paymentmode, javax.swing.GroupLayout.
        PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.BASELINE)
    .addComponent(jLabel7)
    .addComponent(Fee, javax.swing.GroupLayout.PREFERRED_SIZE, javax.
        swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.
        PREFERRED_SIZE)
    .addComponent(jButton2)
    .addComponent(jLabel21))
```

```

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.
            Alignment.BASELINE)
            .addComponent(jLabel8)
            .addComponent(Remark, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.
                    PREFERRED_SIZE))
        .addGap(32, 32, 32)
        .addComponent(Submit)
        .addGap(28, 28, 28))
    );

    jTable1.setModel(new javax.swing.table.DefaultTableModel(
        new Object [][] {

        },
        new String [] {
            " ", " ", " ", " ", " ", " ", " ", " "
        }
    ));
    jScrollPane1.setViewportView(jTable1);

    jButton1.setText("Clear");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });

    javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);
    jPanel4.setLayout(jPanel4Layout);
    jPanel4Layout.setHorizontalGroup(
        jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
            LEADING)
        .addGroup(jPanel4Layout.createSequentialGroup()
            .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.
                Alignment.LEADING)
                .addGroup(jPanel4Layout.createSequentialGroup()
                    .addGap(0, 0, Short.MAX_VALUE)
                    .addComponent(jLabel2)

```

```
.addGap(18, 18, 18)
.addComponent(TID, javax.swing.GroupLayout.PREFERRED_SIZE,
    253, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(123, 123, 123)
.addComponent(GetDetails))
.addGroup(jPanel4Layout.createSequentialGroup())
.addGap(117, 117, 117)
.addComponent(jPanel6, javax.swing.GroupLayout.
    PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
    javax.swing.GroupLayout.PREFERRED_SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
    RELATED, 39, Short.MAX_VALUE)
.addComponent(jButton1, javax.swing.GroupLayout.
    PREFERRED_SIZE, 118, javax.swing.GroupLayout.
    PREFERRED_SIZE))
.addGroup(jPanel4Layout.createSequentialGroup())
.addContainerGap()
.addComponent(jScrollPane1)))
.addContainerGap()
);
jPanel4Layout.setVerticalGroup(
    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
    LEADING)
.addGroup(jPanel4Layout.createSequentialGroup())
.addContainerGap()
.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.BASELINE)
.addComponent(jLabel2)
.addComponent(TID, javax.swing.GroupLayout.PREFERRED_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.
    PREFERRED_SIZE)
.addComponent(GetDetails))
.addGap(18, 18, 18)
.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
    24, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.
    Alignment.LEADING)
.addGroup(jPanel4Layout.createSequentialGroup())
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
    RELATED)
```



```
.addComponent(jPanel6, javax.swing.GroupLayout.DEFAULT_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addContainerGap()
.addGroup(jPanel4Layout.createSequentialGroup()
.addGap(21, 21, 21)
.addComponent(jButton1)
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.
    MAX_VALUE))))
);

jPanel7.setBackground(new java.awt.Color(204, 204, 204));
jPanel7.setBorder(javax.swing.BorderFactory.createTitledBorder(" Transaction Details
    "));

jPanel8.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.
    BevelBorder.RAISED));

Trn.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null}
    },
    new String [] {
        "TransId", "CustomerName", "SlotsNo", "Check In"
    }
));
jScrollPane3.setViewportViewView(Trn);

javax.swing.GroupLayout jPanel8Layout = new javax.swing.GroupLayout(jPanel8);
jPanel8.setLayout(jPanel8Layout);
jPanel8Layout.setHorizontalGroup(
    jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
        LEADING)
.addGroup(jPanel8Layout.createSequentialGroup()
.addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE,
    930, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(0, 0, Short.MAX_VALUE))
);
jPanel8Layout.setVerticalGroup(
```

```
jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.  
    LEADING)  
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel8Layout.  
    createSequentialGroup()  
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.  
    MAX_VALUE)  
.addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE,  
    300, javax.swing.GroupLayout.PREFERRED_SIZE)  
.addGap(110, 110, 110))  
);  
  
javax.swing.GroupLayout jPanel7Layout = new javax.swing.GroupLayout(jPanel7);  
jPanel7.setLayout(jPanel7Layout);  
jPanel7Layout.setHorizontalGroup(  
    jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.  
        LEADING)  
.addGroup(jPanel7Layout.createSequentialGroup()  
    .addContainerGap()  
    .addComponent(jPanel8, javax.swing.GroupLayout.DEFAULT_SIZE, javax.  
        swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
    .addContainerGap()  
);  
jPanel7Layout.setVerticalGroup(  
    jPanel7Layout.createSequentialGroup()  
        LEADING)  
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel7Layout.  
    createSequentialGroup()  
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.  
    MAX_VALUE)  
.addComponent(jPanel8, javax.swing.GroupLayout.PREFERRED_SIZE, 365,  
    javax.swing.GroupLayout.PREFERRED_SIZE)  
.addContainerGap()  
);  
  
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);  
jPanel2.setLayout(jPanel2Layout);  
jPanel2Layout.setHorizontalGroup(  
    jPanel2Layout.createSequentialGroup()  
        LEADING)  
.addGroup(jPanel2Layout.createSequentialGroup()  
    .addContainerGap()
```

```
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
getContentPane().setLayout(layout);  
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(layout.createSequentialGroup()  
            .addContainerGap()
```

```

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
            TRAILING, false)
            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.
            MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, 127,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE, javax.
                swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.
                    PREFERRED_SIZE)
            .addContainerGap(57, Short.MAX_VALUE))
    );

    pack();
} // </editor-fold> //GEN-END: initComponents
public String DateDisplay="";
public String TimeDisplay="";
public void currentdate()
{
    Calendar cal=new GregorianCalendar();
    int month = cal.get(Calendar.MONTH);
    int year = cal.get(Calendar.YEAR);
    int day = cal.get(Calendar.DAY_OF_MONTH);
    System.out.println(cal.getTime());

    //JOptionPane.showMessageDialog(null,cal.getTime());
    int sec=cal.get(Calendar.SECOND);
    int min=cal.get(Calendar.MINUTE);
    int mil=cal.get(Calendar.MILLISECOND);
    int hr=cal.get(Calendar.HOUR_OF_DAY);
    // PrintStream println = System.out.println("SECOND"+(String)sec);
    DateDisplay = day+" "+(month+1);

```

```

TimeDisplay = hr+""+min+""+sec;
//TodayDate.setText(day+"/"+(month+1)+"/"+year+"TIME IS :"+hr+":"+min
    +":"+sec+":"+mil);
TodayDate.setText(day+"/"+(month+1)+"/"+year);
TodayTime.setText(hr+":"+min+":"+sec+":"+mil);
//2019-04-03 22:44:15.000
String ckin=year+"-"+(month+1)+"-"+day+" "+hr+":"+min+":"+sec+":"+mil;
    Date date=new Date();
    long time =date.getTime();
    Timestamp ts=new Timestamp(time);
ChekinTime.setText(""+ts);
CheckOutTime.setText(""+ts);

}

public void PutcheckTime()
{

java.util.Date date = new java.util.Date();
Timestamp timestamp1 = new Timestamp(date.getTime());

    // create a calendar and assign it the same time
Calendar cal = Calendar.getInstance();
cal.setTimeInMillis(timestamp1.getTime());

// add a bunch of seconds to the calendar
cal.add(Calendar.SECOND, 98765);

// create a second time stamp
Timestamp timestamp2 = new Timestamp(cal.getTime().getTime());

// get time difference in seconds
long milliseconds = timestamp2.getTime() - timestamp1.getTime();
int seconds = (int) milliseconds / 1000;

// calculate hours minutes and seconds
int hours = seconds / 3600;
int minutes = (seconds % 3600) / 60;
seconds = (seconds % 3600) % 60;

```

```
System.out.println("timestamp1: " + timestamp1);

System.out.println("timestamp2: " + timestamp2);

System.out.println("Difference: ");
System.out.println(" Hours: " + hours);
System.out.println(" Minutes: " + minutes);
System.out.println(" Seconds: " + seconds);
}

public void Chekout()
{
    java.util.Date date = new java.util.Date();
    Timestamp timestamp1 = new Timestamp(date.getTime());

    // create a calendar and assign it the same time
    Calendar cal = Calendar.getInstance();
    cal.setTimeInMillis(timestamp1.getTime());
    CheckOutTime.setText(String(timestamp1));
}

public void updatedetails()
{
    try{
        ResultSet rs;
        String strqr="";
        Connection connection;
        PreparedStatement stmt;
        RunMe rm=new RunMe();
        connection=DriverManager.getConnection(rm.StrUrl,rm.StrUid,rm.StrPwd);

        RunMe mc=new RunMe();

        PreparedStatement stmtq=connection.prepareStatement("select SlotNum from
            slotsdetails where slotsdetails.SlotStatus='Available'");
        rs = stmtq.executeQuery();
        while (rs.next()){
            Slots.addItem(rs.getString(1));
        }
    }
}
```

```
//Dimension size=Slots.getSize();
if(Slots.getItemCount() == 0)

{
    JOptionPane.showMessageDialog(this,"No Slots Availble ... Booking cannot
        Possible");
    clearall();
    btnCheckIn.setVisible(false);
    print.setVisible(false);

}
else {
}
}catch(SQLException upd)
{
    System.out.println("Updatation Failed "+upd);
}

}
public void clearall()
{
    VehicleNo.setText("");
    VehicleName.setText("");
    MobileNumber.setText("");
    OwnerName.setText("");
    DocNumber.setText("");
    MobileNumber.setText("");
    DocNumber.setText("");
    ChekinTime.setText("");
    TransID.setText("");
    Barcode.setText("");
    Barcode1.setText("");
    OwnName.setText("");
    VNo.setText("");
    DTranID.setText("");
    Slots.removeAllItems();
    SlotNumber.setText("");
}

String chkin="";
```

```

private void btnCheckInActionPerformed(java.awt.event.ActionEvent evt) { //GEN-
    FIRST:event_btnCheckInActionPerformed
    // TODO add your handling code here:

    if (VehicleNo.getText().equals("")) {
        JOptionPane.showMessageDialog(this, "Vehicle Number Not Found");
    }
    if (VehicleName.getText().equals("")) {
        JOptionPane.showMessageDialog(this, "Vehicle Name Not Found");
    }
    if (MobileNumber.getText().equals("")) {
        JOptionPane.showMessageDialog(this, " MobileNumber Not Found");
    }
    if (OwnerName.getText().equals("")) {
        JOptionPane.showMessageDialog(this, "OwnerName Not Found");
    }
    if (DocNumber.getText().equals("")) {
        JOptionPane.showMessageDialog(this, "Document Number Not Found");
    }

    Random rand = new Random();
    int nan=rand.nextInt(36000);
    String t=TodayTime.getText();
    String d=TodayDate.getText();
    String code="TRA";
    String tt=code.concat(DateDisplay);
    String tot=tt.concat(TimeDisplay);
    tot=tot+nan;
    System.out.println("TRANSACTION ID:"+tot);
    TransID.setText(tot);
    System.out.println("DateDisplay :"+DateDisplay);
    System.out.println("\nTimeDisplay : "+TimeDisplay);

    Code128Auto CD =new Code128Auto();
    String barcode =CD.encode((String)tot);
    System.out.println("TRANSACTION ID for Barcode:"+tot);
    Barcode.setText(barcode);
    //BarCode.setFont(new java.awt.Font("CCode128_S3_Trial",java.awt.Font.PLAIN
    ,24));
    Barcode.setFont(new java.awt.Font("CCode128_S3_Trial",java.awt.Font.PLAIN,24));

```



```
Barcode1.setText(barcode);
//BarCode.setFont(new java.awt.Font("CCode128_S3_Trial",java.awt.Font.PLAIN
    ,24));
Barcode1.setFont(new java.awt.Font("CCode128_S3_Trial",java.awt.Font.PLAIN,24));

OwnName.setText("");
VNo.setText("");
DTranID.setText(tot);
ResultSet rs;
    String strqr="";
    Connection connection;
    PreparedStatement stmt;
    ResultSet rsbook = null;
    RunMe rm=new RunMe();
    ResultSet rsmem;
    boolean chadd=false;
    try
{

    //String strqr="";
    // Connection connection;

    RunMe mc=new RunMe();
    connection=DriverManager.getConnection(mc.StrUrl,mc.StrUid,mc.StrPwd);
    String sql = "insert into transaction (TransId,VehicleNo,Date,Time,IdCard,
        IdNumber,VType,SlotNo,VehicleName,CustName) values(?,?,?,?,?,?,?,?,?) ";
    PreparedStatement pst=connection.prepareStatement(sql);
    pst.setString(1,TransID.getText());
    pst.setString(2,VehicleNo.getText());
    pst.setString(3,TodayDate.getText());
    pst.setString(4,TodayTime.getText());
    pst.setString(5, (String) DocType.getSelectedItemAt());
    pst.setString(6,DocNumber.getText());
    pst.setString(7,(String) VType.getSelectedItemAt());
    pst.setString(8,(String) Slots.getSelectedItemAt());
    pst.setString(9,VehicleName.getText());
    pst.setString(10,OwnerName.getText());
    //pst.setString(11,TodayTime.getText());
    //pst.setString(11,ChekinTime.getText());
    pst.executeUpdate();
    try{
```

```
String sqlc = "insert into customer (CustomerName,VehicleNumber,Phone,
        IDCard,IDNumber,Regidate) values(?,?,?,?,?,?) ";
PreparedStatement pstc=connection.prepareStatement(sqlc);
pstc.setString(1,OwnerName.getText());
pstc.setString(2,VehicleNo.getText());
pstc.setString(3,MobileNumber.getText());
pstc.setString(4, (java.lang.String) DocType.getSelectedItem());
pstc.setString(5,DocNumber.getText());
pstc.setString(6,TodayDate.getText());
pstc.executeUpdate();

}catch(SQLException custUpdateError)
{
    System.out.println(" Customer Insertion Failed");
    JOptionPane.showMessageDialog(this," Customer Updation Failed");
}
//VEHICLE UPDATION
try{
    String sqlc1 = "insert into vehicle (VehicleNumber,VehicleOwner,VehicleType,
        IDNumber,Regidate) values(?,?,?,?,?) ";
    PreparedStatement pstc1=connection.prepareStatement(sqlc1);
    pstc1.setString(1,VehicleNo.getText());
    pstc1.setString(2,OwnerName.getText());
    pstc1.setString(3, (java.lang.String) VType.getSelectedItem());
    pstc1.setString(4, DocNumber.getText());
    pstc1.setString(5,TodayDate.getText());
    pstc1.executeUpdate();

}catch(SQLException VUE)
{
    System.out.println(" Vehicle Insertion Failed :\n"+VUE);
    JOptionPane.showMessageDialog(this," Vehicle Updation Failed\n"+VUE);
}

String tc;
tc=TransID.getText();
String sql1="update transaction set CI = sysdate() where TransId='"+tc+"'";
PreparedStatement pst1=connection.prepareStatement(sql1);
pst1.execute();
```

```

        String sql2="update transaction set UpdatedTime = sysdate() where TransId
            ='" +tc+"";
        PreparedStatement pst2=connection.prepareStatement(sql2);
        pst2.execute();
        String u="Occupied";
        String sdf=(String)Slots.getSelectedItemAt();
        String sql3="update slotsdetails set SlotStatus = '" +u+"'' where SlotNum='" +
            sdf+"";
        PreparedStatement pst3=connection.prepareStatement(sql3);
        pst3.execute();
        String fs="Pending";
        String sql4="update transaction set FeeStatus = '" +fs+"'' where TransId='" +tc
            +""";
        PreparedStatement pst4=connection.prepareStatement(sql4);
        pst4.execute();

        OwnName.setText(OwnerName.getText());
        SlotNumber.setText((java.lang.String) Slots.getSelectedItemAt());
        VNo.setText(VehicleNo.getText());
        Slots.removeAllItems();
        updatedetails();
        currentdate(); updateTransaction();

        btnCheckIn.setVisible(false);
        Slots.removeAllItems();
    }
    catch (SQLException e)
    {
        System.err.println(e);
        JOptionPane.showMessageDialog(null,"Un Successfull .\n"+e);
    }

} //GEN-LAST:event_btnCheckInActionPerformed

private void VehicleNoActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST
:event_VehicleNoActionPerformed
    // TODO add your handling code here:

```

```
}//GEN-LAST:event_VehicleNoActionPerformed
```

```
private void ChekinTimeActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_ChekinTimeActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_ChekinTimeActionPerformed
```

```
private void Clear1ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_Clear1ActionPerformed
    // TODO add your handling code here:
    VehicleNo.setText("");
    CustomerName.setText("");
    MobileNumber.setText("");
    CustomerName.setText("");
    VehicleName.setText("");
    DocNumber.setText("");
    currentdate();
} //GEN-LAST:event_Clear1ActionPerformed
```

```
private void Barcode1ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_Barcode1ActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_Barcode1ActionPerformed
```

```
private void OwnNameActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_OwnNameActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_OwnNameActionPerformed
```

```
private void printActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_printActionPerformed
    // TODO add your handling code here:
    // TODO add your handling code here:
    updatedetails();
    currentdate();
    PrinterJob job = PrinterJob.getPrinterJob();
    job.setJobName("RECEIPT");
    job.setPrintable((Graphics pg, PageFormat pf, int pageNum) -> {
        if (pageNum > 0) {
            return Printable.NO_SUCH_PAGE;
        }
    })
}
```

```

        Graphics2D g2 = (Graphics2D) pg;
        g2.translate(pf.getImageableX(), pf.getImageableY());
        g2.scale(0.75, 1.0);
        PrintPanel.paint(g2);
        return Printable.PAGE_EXISTS;
    });

    Boolean ok = job.printDialog();
    if (ok) {
        try {
            job.print();
        } catch (PrinterException ex) {
            System.out.println(ex);
        }
    }
    btnCheckIn.setVisible(true);
    clearall();
    PutcheckTime();
    currentdate();
    updatedetails();
} //GEN-LAST:event_printActionPerformed

private void GetDetailsActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_GetDetailsActionPerformed
    // TODO add your handling code here:
    String StrQr="";
    if (TID.getText().trim().length()>0 )
    {
        StrQr=StrQr + " and TransId like '%" + TID.getText().trim() + "%' ";
        if (StrQr.length()==0)
        {
            JOptionPane.showMessageDialog(null,"Enter search critaria.");
        }
    }

    try{

        RunMe mc=new RunMe();

        Connection connection;
        connection=DriverManager.getConnection(mc.StrUrl,mc.StrUid,mc.StrPwd);

```

```
ResultSet rs;

PreparedStatement stmt=connection.prepareStatement("select TransId,SlotNo,
    CustName, CI from transaction where TransId='"+TID.getText()+"'");
rs = stmt.executeQuery();
// Removing Previous Data
while (jTable1.getRowCount() > 0) {
    ((DefaultTableModel) jTable1.getModel()).removeRow(0);
}
int columns = rs.getMetaData().getColumnCount();
while (rs.next())
{
    CustomerName.setText(rs.getString("CustName"));
    Sn.setText(rs.getString("SlotNO"));
    ATime.setText(rs.getString("CI"));
}

connection.close();

String ArTime;
String DeTime;
ArTime=ATime.getText();
DeTime=CheckOutTime.getText();
Timestamp t1=Timestamp.valueOf(ArTime);
Timestamp t2=Timestamp.valueOf(DeTime);
long millisecond =t2.getTime() - t1.getTime();
int second = (int) millisecond / 1000;
int hour=second/36000;
int mini=(second % 36000)/60;
second=(second%3600)%60;
String Display;
Display=""+hour+" Hours "+mini+" Minutes and "+second+" Seconds";
Duration.setText(Display);
int sum=0;
if(mini<=30)
    sum=50;
if(mini>=31 && mini<=60)
    sum=100;
if(mini>=61 && mini <=120)
    sum=150;
```

```
        if(mini >=121 && mini <=160)
            sum=200;
        if(mini>161)
            sum=500;
        Fee.setText(""+sum);
        Slots.removeAllItems();

    }catch(HeadlessException | SQLException gd)
    {
        System.out.println("Error in GetDetails "+gd);
    }

} //GEN-LAST:event_GetDetailsActionPerformed

public void updateTransaction()
{
    try {
        RunMe mc=new RunMe();

        Connection connection;
        connection=DriverManager.getConnection(mc.StrUrl,mc.StrUid,mc.StrPwd);
        ResultSet rs;

        PreparedStatement stmt=connection.prepareStatement("SELECT TransId,
            CustName,SlotNo,FeeStatus FROM transaction ORDER BY UpdatedTime
            DESC ");
        rs = stmt.executeQuery();
        Trn.getColumnModel().getColumn(0).setHeaderValue("TransId");
        Trn.getColumnModel().getColumn(1).setHeaderValue("Customer Name");
        Trn.getColumnModel().getColumn(2).setHeaderValue("SlotName");
        Trn.getColumnModel().getColumn(3).setHeaderValue("Payment Status");
        //Trn.getColumnModel().getColumn(4).setHeaderValue("CheckOut");
        //Trn.getColumnModel().getColumn(5).setHeaderValue("lastUpdated");

        Trn.getTableHeader().resizeAndRepaint();
        while (Trn.getRowCount() > 0) {
            ((DefaultTableModel) Trn.getModel()).removeRow(0);
        }
        int columns = rs.getMetaData().getColumnCount();
```

```

        while (rs.next()) {
            Object[] row = new Object[columns];
            for (int i = 1; i <= columns; i++) {
                row[i - 1] = rs.getObject(i); // 1
            }
            ((DefaultTableModel) Trn.getModel()).insertRow(rs.getRow() - 1, row);
        }

    } catch (SQLException e) {
        System.err.println(e);
        //System.exit(1);
    }
}

public void departclear()
{
    TID.setText("");
    CustomerName.setText("");
    Sn.setText("");
    ATime.setText("");
    Duration.setText("");
    Fee.setText("");
    Remark.setText("");
}

private void SubmitActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:
    event_SubmitActionPerformed
    // TODO add your handling code here:
    try
    {
        //get database connection details
        RunMe mc=new RunMe();
        String tc;
        tc=TID.getText();
        //open connection
        Connection connection;
        connection=DriverManager.getConnection(mc.StrUrl,mc.StrUid,mc.StrPwd);
        String sql1="update transaction set CO = sysdate() where TransId='"+tc+"'";
        PreparedStatement pst1=connection.prepareStatement(sql1);
        pst1.execute();
        //Fee Payment
        String sql11="update transaction set Amount = '"+Fee.getText()+"' where
            TransId='"+tc+"'";
    }
}

```



```

        PreparedStatement pst11=connection.prepareStatement(sql11);
        pst11.execute();
        //Fee Status
        String sql12="update transaction set FeeStatus = '"+ "Paid" +"' where TransId
            ='" +tc+"'" ;
        PreparedStatement pst12=connection.prepareStatement(sql12);
        pst12.execute();
        //
        String sql2="update transaction set UpdatedTime = sysdate() where TransId
            ='" +tc+"'" ;
        PreparedStatement pst2=connection.prepareStatement(sql2);
        pst2.execute();
        String sdf=Sn.getText();
        java.lang.String u=" Available";
        String sql3="update slotsdetails set SlotStatus = '"+u+"'" where SlotNum='" +
            sdf+"'" ;
        PreparedStatement pst3=connection.prepareStatement(sql3);
        pst3.execute();
        currentdate();
        departclear();
        updateTransaction();
    }
    catch(SQLException Ex)
    {
        System.out.println("Checkout Problem"+Ex);
    }
    Submit.setVisible(false);
    updatedetails();
    // transUpdate();
} //GEN-LAST:event.SubmitActionPerformed

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:
    event_jButton5ActionPerformed
    // TODO add your handling code here:
    OperatorLogin op=new OperatorLogin();
    op.setVisible(true);
    this.setVisible(false);
} //GEN-LAST:event_jButton5ActionPerformed

private void DocTypeActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:
    event_DocTypeActionPerformed

```

```
// TODO add your handling code here:
} //GEN-LAST:event_DocTypeActionPerformed

private void PaymentmodeActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_PaymentmodeActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_PaymentmodeActionPerformed

private void SnActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_SnActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_SnActionPerformed

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_jButton2ActionPerformed
    // TODO add your handling code here:currentdate();
    Submit.setVisible(true);
    currentdate();
} //GEN-LAST:event_jButton2ActionPerformed

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_jButton1ActionPerformed
    // TODO add your handling code here:
    departclear();
} //GEN-LAST:event_jButton1ActionPerformed

private void TIDActionPerformed(java.awt.event.ActionEvent evt) { //GEN-FIRST:event_TIDActionPerformed
    // TODO add your handling code here:
} //GEN-LAST:event_TIDActionPerformed

public static void main(String args[]) {
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional)
    ">
    http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
    */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.
            getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
```

```

        break;
    }
}
} catch (ClassNotFoundException | InstantiationException | IllegalAccessException |
    javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(OperatorMainPage.class.getName()).log(java.
        util.logging.Level.SEVERE, null, ex);
}
//</editor-fold>

//</editor-fold>
java.awt.EventQueue.invokeLater(() -> {
    new OperatorMainPage().setVisible(true);
});
}

// Variables declaration – do not modify//GEN-BEGIN:variables
private javax.swing.JTextField ATime;
private javax.swing.JTextField Barcode;
private javax.swing.JTextField Barcode1;
private javax.swing.JTextField CheckOutTime;
private javax.swing.JTextField ChekinTime;
private javax.swing.JButton Clear1;
private javax.swing.JTextField CustomerName;
private javax.swing.JLabel DToday1;
private javax.swing.JTextField DTranID;
private javax.swing.JTextField DocNumber;
private javax.swing.JComboBox<String> DocType;
private javax.swing.JTextField Duration;
private javax.swing.JTextField Fee;
private javax.swing.JButton GetDetails;
private javax.swing.JTextField MobileNumber;
private javax.swing.JTextField OwnName;
private javax.swing.JTextField OwnerName;
private javax.swing.JComboBox<String> Paymentmode;
private javax.swing.JPanel PrintPanel;
private javax.swing.JTextField Remark;
private javax.swing.JTextField SlotNumber;
private javax.swing.JComboBox<String> Slots;
private javax.swing.JTextField Sn;
private javax.swing.JButton Submit;

```

```
private javax.swing.JTextField TID;
private javax.swing.JLabel TodayDate;
private javax.swing.JLabel TodayTime;
private javax.swing.JTextField TransID;
private javax.swing.JTable Trn;
private javax.swing.JTextField VNo;
private javax.swing.JComboBox<String> VType;
private javax.swing.JTextField VehicleName;
private javax.swing.JTextField VehicleNo;
private javax.swing.JButton btnCheckIn;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton5;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel15;
private javax.swing.JLabel jLabel16;
private javax.swing.JLabel jLabel17;
private javax.swing.JLabel jLabel18;
private javax.swing.JLabel jLabel19;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel20;
private javax.swing.JLabel jLabel21;
private javax.swing.JLabel jLabel22;
private javax.swing.JLabel jLabel23;
private javax.swing.JLabel jLabel24;
private javax.swing.JLabel jLabel25;
private javax.swing.JLabel jLabel26;
private javax.swing.JLabel jLabel27;
private javax.swing.JLabel jLabel28;
private javax.swing.JLabel jLabel29;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
```

```

private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel4;
private javax.swing.JPanel jPanel5;
private javax.swing.JPanel jPanel6;
private javax.swing.JPanel jPanel7;
private javax.swing.JPanel jPanel8;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane3;
private javax.swing.JSeparator jSeparator1;
private javax.swing.JSeparator jSeparator2;
private javax.swing.JSeparator jSeparator3;
private javax.swing.JSeparator jSeparator4;
private javax.swing.JTable jTable1;
private javax.swing.JButton print;
// End of variables declaration//GEN-END:variables

```

```

private String String(Timestamp timestamp1) {
    throw new UnsupportedOperationException("Not supported yet."); //To change body
    of generated methods, choose Tools | Templates.
}

```

```

private void ChekinTime() {
    throw new UnsupportedOperationException("Not supported yet."); //To change body
    of generated methods, choose Tools | Templates.
}

```

```

}

```

Android

```

<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.smart.ticketing"
    android:versionCode="1"
    android:versionName="1.0">

    <uses-permission android:name="android.permission.SEND_SMS" />
    <uses-permission android:name="android.permission.RECEIVE_SMS" />
    <uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE"
        />

```

```

<uses-permission android:name="android.permission.INTERNET" />
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />
<uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE"
    />
<uses-permission android:name="android.permission.READ_CALENDAR" />
<uses-permission android:name="android.permission.WRITE_CALENDAR" />
<uses-permission android:name="android.permission.CALL_PHONE" />

<uses-feature android:name="android.hardware.camera" />
<uses-feature
    android:name="android.hardware.camera.autofocus"
    android:required="false" />
<uses-feature
    android:name="android.hardware.touchscreen"
    android:required="false" />

<uses-permission android:name="android.permission.CAMERA" />
<uses-permission android:name="android.permission.USE_FINGERPRINT" />
<uses-permission android:name="android.permission.ACCESS_FINE_LOCATION" />
<uses-permission android:name="android.permission.ACCESS_COARSE_LOCATION"
    />
<uses-permission android:name="android.permission.READ_PHONE_STATE" />
<uses-permission android:name="android.permission.VIBRATE" />

<application
    android:name=".backendless.MyApplication"
    android:icon="@drawable/ic_launcher"
    android:label="@string/app_name"
    android:theme="@style/AppTheme">
    <meta-data
        android:name="com.google.android.geo.API_KEY"
        android:value="AIzaSyDzyEXkkPzHGo6dfcNt9k8hNQOOvsvD8nc" />

    <!-- ===== all mainactivity goes here
        ===== -->

    <activity
        android:name=".metro.SmartTicketingActivity"
        android:icon="@drawable/ic_launcher"
        android:label="@string/app_name">

```

```
<!--
<intent-filter>
    <action android:name="android.intent.action.MAIN" />
    <category android:name="android.intent.category.LAUNCHER" />
</intent-filter>
-->

</activity>
<activity
    android:name=".voter.LoginActivity"
    android:icon="@drawable/ic_launcher"
    android:label="@string/app_name">

    <!--
    <intent-filter>
        <action android:name="android.intent.action.MAIN" />
        <category android:name="android.intent.category.LAUNCHER" />
    </intent-filter>
    -->

</activity>
<activity
    android:name=".metro.LoginActivity"
    android:label="@string/app_name">

    <!--
    <intent-filter>
        <action android:name="android.intent.action.MAIN" />
        <category android:name="android.intent.category.LAUNCHER" />
    </intent-filter>
    -->

</activity>
<activity
    android:name=".metro.Home"
    android:label="@string/app_name">

    <!--
    <intent-filter>
        <action android:name="android.intent.action.MAIN" />
        <category android:name="android.intent.category.LAUNCHER" />
    </intent-filter>
```

```
-->

</activity>
<activity
    android:name=".scanner.CaptureActivity"
    android:icon="@drawable/scannericon"
    android:label="@string/app_name">

    <!--
    <intent-filter>
        <action android:name="android.intent.action.MAIN" />
        <category android:name="android.intent.category.LAUNCHER" />
    </intent-filter>
    -->
</activity>

<activity
    android:name=".attendance.AccessNotesActivity"
    android:icon="@drawable/app_icon"
    android:label="@string/app_name" />

<activity
    android:name=".facereco.mobitravel.MapsActivity"
    android:icon="@drawable/app_icon"
    android:label="@string/app_name" />

<activity
    android:name=".carpooling.MainActivity"
    android:icon="@drawable/app_icon"
    android:label="@string/app_name" />

<activity
    android:name=".carpooling.Speedcaluclator"
    android:icon="@drawable/app_icon"
    android:label="@string/app_name" />

<activity
    android:name=".carpooling.FirestationActivity"
    android:icon="@drawable/app_icon"
    android:label="@string/app_name" />
```



```
<activity
    android:name=".carpooling.AddRideActivity"
    android:icon="@drawable/app_icon"
    android:label="@string/app_name" />

<activity
    android:name=".carpooling.PoolRequestActivity"
    android:icon="@drawable/app_icon"
    android:label="@string/app_name" />

<activity
    android:name=".carpooling.ViewRidersActivity"
    android:icon="@drawable/app_icon"
    android:label="@string/app_name" />

<activity
    android:name=".carpooling.ViewMyRidesActivity"
    android:icon="@drawable/app_icon"
    android:label="@string/app_name" />

<activity
    android:name=".backendless.LoginActivity"
    android:icon="@drawable/app_icon"
    android:label="@string/app_name" >

<!--
<intent-filter>
    <action android:name="android.intent.action.MAIN" />
    <category android:name="android.intent.category.LAUNCHER" />
</intent-filter>
-->
</activity>
<activity
    android:name=".backendless.SplashActivity"
    android:icon="@drawable/virtualexamlogo"
    android:label="@string/app_name" >
    <intent-filter>
        <action android:name="android.intent.action.MAIN" />

        <category android:name="android.intent.category.LAUNCHER" />
```

```

        </intent-filter>
    </activity>
    <activity
        android:name=".parkingqr.MainActivity"
        android:icon="@drawable/usericon"
        android:label="@string/app_name">

        <!--
        <intent-filter>
            <action android:name="android.intent.action.MAIN" />
            <category android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
        -->
    </activity>
    <activity
        android:name=".voter.admin.LoginActivity"
        android:icon="@drawable/usericon"
        android:label="@string/app_name">

        <!--
        <intent-filter>
            <action android:name="android.intent.action.MAIN" />
            <category android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
        -->

</activity>

<!-- ===== mainactivities ends here
===== -->

<activity android:name=".museum.VehicleTheft" />
<activity android:name=".museum.Setting" />
<activity android:name=".museum.MainStart" />

<activity android:name=".museum.TextActivity" />

<activity android:name=".attendance.LeaveActivity" />

```

```
<receiver android:name=".attendance.AlarmReceiver" />
<service android:name=".attendance.MyAlarmService" />

<activity android:name=".attendance.ViewFeedBackActivity"
    android:label="Feedback"
/>

<activity android:name=".attendance.AbstractSheetActivity" />

<activity android:name=".attendance.NotifyIAMarksActivity" />
<activity android:name=".attendance.MainActivity"
    android:label="Home"
/>

<activity
    android:name=".attendance.ViewTeachersActivity"
    android:label="Teachers" />

<activity
    android:name=".attendance.ViewAbstractSheetActivity"
    android:label="@string/app_name" />

<activity
    android:name=".attendance.FeedBackMainActivity"
    android:label="@string/app_name" />

<activity
    android:name=".attendance.ViewIdCardsPhoto"
    android:label="@string/app_name" />

<activity
    android:name=".attendance.GeneralListViewActivity"
    android:label="@string/app_name" />

<activity
    android:name=".attendance.BroadcastMessageActivity"
    android:label="@string/app_name" />
<activity android:name=".attendance.AndroidTimeActivity" />
```

```
<activity
    android:name=".virtualexam.HomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".virtualexam.ViewPaperActivity"
    android:label="@string/app_name" />
<activity
    android:name=".virtualexam.UploadPaperActivity"
    android:label="@string/app_name" />
<activity
    android:name=".gym.AttendanceActivity"
    android:label="@string/app_name" />
<activity
    android:name=".gym.AddmemberActivity"
    android:label="@string/app_name" />
<activity
    android:name=".gym.MembersListActivity"
    android:label="@string/app_name" />
<activity
    android:name=".gym.PaymentDetailsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".gym.AddTrainerActivity"
    android:label="@string/app_name" />
<activity
    android:name=".gym.ViewTrainersActivity"
    android:label="@string/app_name" />
<activity
    android:name=".gym.ViewMembersActivity"
    android:label="@string/app_name" />
<activity
    android:name=".gym.HomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".gym.MemberHomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".gym.ViewMembersAttendanceActivity"
    android:label="@string/app_name" />
<activity
```

```
        android:name=".gym.PaymentHomeActivity"
        android:label="@string/app_name" />
<activity
    android:name=".gym.AttendanceHomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".kisanmitra.ViewProfileActivity"
    android:label="@string/app_name" />
<activity
    android:name=".kisanmitra.ViewyoutubeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".timetable.LabMainActivity"
    android:label="@string/app_name" />
<activity
    android:name=".timetable.LabHomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".campus.ForgotPasswordActivity"
    android:label="@string/app_name" />
<activity
    android:name=".museum.LoginActivity"
    android:label="@string/app_name" />

<service android:name=".museum.MyAlarmService" />

<activity
    android:name=".museum.MainActivity"
    android:label="@string/app_name" />
<activity
    android:name=".voter.admin.HomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".voter.admin.VoteCountActivity"
    android:label="@string/app_name" />
<activity
    android:name=".voter.admin.VoterListActivity"
    android:label="@string/app_name" />
<activity
    android:name=".voter.admin.AddCandidatesActivity"
    android:label="@string/app_name" />
```

```
<activity
    android:name=".medical.FindDoctorActivity"
    android:label="@string/app_name" />
<activity
    android:name=".medical.HomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".medical.HealthIssuesActivity"
    android:label="@string/app_name" />
<activity
    android:name=".medical.HealthDetailsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".voter.RegisterActivity"
    android:label="@string/app_name" />
<activity
    android:name=".voter.FingerprintActivity"
    android:label="@string/app_name" />
<activity
    android:name=".voter.HomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".QRGeneratorTransaction"
    android:label="@string/app_name" />
<activity
    android:name=".qlless.ItemsListActivity"
    android:label="@string/app_name" />
<activity
    android:name=".parkingqr.MapsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".viewDataList"
    android:label="@string/app_name" />
<activity
    android:name=".qlless.ConfirmOrderActivity"
    android:label="@string/app_name" />
<activity
    android:name=".qlless.OffersActivity"
    android:label="@string/app_name" />
<activity
    android:name=".qlless.RecipeListActivity"
```

```
        android:label="@string/app_name" />
    <activity
        android:name=".qlless.AddCustomItemActivity"
        android:label="@string/app_name" />
    <activity
        android:name=".qlless.ViewCustomItemActivity"
        android:label="@string/app_name" />
    <activity
        android:name=".metro.WalletInfo"
        android:label="@string/app_name" />
    <activity
        android:name=".metro.Fare"
        android:label="@string/app_name" />
    <activity
        android:name=".metro.Recharge"
        android:label="@string/app_name" />
    <activity
        android:name=".metro.SmartTicketingUser"
        android:label="@string/app_name" />
    <activity
        android:name=".qlless.ControlHardwareActivity"
        android:label="@string/app_name" />
    <activity
        android:name=".metro.Routemap"
        android:label="@string/app_name" />
    <activity
        android:name=".facereco.MainActivity"
        android:label="@string/app_name" />
    <activity
        android:name=".tollgate.MainStart"
        android:label="@string/app_name" />
    <activity
        android:name=".parkingqr.CustomerActivity"
        android:label="@string/app_name" />

    <!--
    <receiver android:name=".metro.AttendanceSmsReceiver">
        <intent-filter>
            <action android:name="android.provider.Telephony.SMS_RECEIVED" />
        </intent-filter>
    </receiver>
```

-->

<!--

<receiver android:name=".ration.AttendanceSmsReceiver">

<intent-filter>

<action android:name="android.provider.Telephony.SMS_RECEIVED" />

</intent-filter>

</receiver>

-->

<!--<receiver android:name=".tollgate.smsReceiver">

<intent-filter>

<action android:name="android.provider.Telephony.SMS_RECEIVED" />

</intent-filter>

</receiver>-->

<!--<receiver android:name=".attendance.AttendanceSmsReceiver">

<intent-filter>

<action android:name="android.provider.Telephony.SMS_RECEIVED" />

</intent-filter>

</receiver>-->

<!--

<receiver android:name=".museum.AttendanceSmsReceiver">

<intent-filter>

<action android:name="android.provider.Telephony.SMS_RECEIVED" />

</intent-filter>

</receiver>

-->

<!--

<receiver android:name=".parkingqr.AgrSmsReceiver">

<intent-filter>

<action android:name="android.provider.Telephony.SMS_RECEIVED" />

</intent-filter>

</receiver>

-->


```
<!--
    <receiver android:name=".qlless.FarmersSmsReceiver">
        <intent-filter>
            <action android:name="android.provider.Telephony.
                SMS_RECEIVED" />
        </intent-filter>
    </receiver>
-->

<!--<receiver android:name=".agriculture.AgriSmsReceiver">
    <intent-filter>
        <action android:name="android.provider.Telephony.SMS_RECEIVED" />
    </intent-filter>
</receiver>-->

<receiver android:name=".parkingqr.ParkingSmsReceiver">
    <intent-filter>
        <action android:name="android.provider.Telephony.SMS_RECEIVED" />
    </intent-filter>
</receiver>

<!--<receiver android:name=".museum.smsReceiver">
    <intent-filter>
        <action android:name="android.provider.Telephony.SMS_RECEIVED" />
    </intent-filter>
</receiver>
-->

<activity
    android:name=".pincode.MainActivity"
    android:label="@string/app_name" />

<activity
    android:name=".pincode.AddressInfoActivity"
    android:label="@string/app_name" />

<activity
```

```
        android:name=".pincode.ViewPropertiesActivity"
        android:label="@string/app_name" />

<activity
    android:name=".pincode.PropertyRegisterActivity"
    android:label="@string/app_name" />

<activity
    android:name=".pincode.AddressRegisterActivity"
    android:label="@string/app_name" />

<activity
    android:name=".parkingqr.CustomerActivity2"
    android:label="@string/app_name" />
<activity
    android:name=".qlless.BillConfirmationActivity"
    android:label="@string/app_name" />
<activity
    android:name=".medical.BloodBankActivity"
    android:label="@string/app_name" />
<activity
    android:name=".qlless.RealEstateActivity"
    android:label="@string/app_name" />
<activity
    android:name=".qlless.MallsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".backendless.RegisterActivity"
    android:label="@string/app_name" />
<activity
    android:name=".backendless.ForgotPasswordActivity"
    android:label="@string/app_name" />
<activity
    android:name=".qlless.SearchItemLocationActivity"
    android:label="@string/app_name" />
<activity
    android:name=".parkingqr.ViewCostActivity"
    android:label="@string/app_name" />
<activity
    android:name=".parkingqr.BookingActivity"
```

```
        android:label="@string/app_name" />
<activity
    android:name=".parkingqr.Home"
    android:label="@string/app_name" />
<activity
    android:name=".parkingqr.ViewQRCode"
    android:label="@string/app_name" />
<activity
    android:name=".bmtc.ApplyPasssActivity"
    android:label="@string/app_name" />
<activity
    android:name=".bmtc.MainActivity"
    android:label="@string/app_name" />
<activity
    android:name=".bmtc.ViewQRCodeContentActivity"
    android:label="@string/app_name" />
<activity
    android:name=".bmtc.RenewalPasssActivity"
    android:label="@string/app_name" />
<activity
    android:name=".parkingqr.viewDataList"
    android:label="@string/app_name" />
<activity
    android:name=".bmtc.PaymentActivity"
    android:label="@string/app_name" />
<activity
    android:name=".qlless.MainActivity"
    android:label="@string/app_name" />
<activity
    android:name=".medical.ChatActivity"
    android:label="@string/app_name" />
<activity
    android:name=".medical.PharmacyActivity"
    android:label="@string/app_name" />
<activity
    android:name=".medical.OneShotPreviewActivity"
    android:label="@string/app_name" />
<activity
    android:name=".medical.RatingActivity"
    android:label="@string/app_name" />
<activity
```

```
        android:name=".timetable.MainActivity"
        android:label="@string/app_name" />
<activity
    android:name=".timetable.HomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".campus.LoginActivity"
    android:label="@string/app_name" />
<activity
    android:name=".campus.RegisterActivity"
    android:label="@string/app_name" />
<activity
    android:name=".campus.StudentHomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".campus.CompanyDetailsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".campus.CompanyHomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".campus.PostDriveActivity"
    android:label="@string/app_name" />
<activity
    android:name=".campus.ViewDrivePostsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".campus.ViewStudentsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".placements.LoginActivity"
    android:label="@string/app_name" />
<activity
    android:name=".placements.RegisterActivity"
    android:label="@string/app_name" />
<activity
    android:name=".placements.StudentHomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".placements.CompanyDetailsActivity"
    android:label="@string/app_name" />
```

```
<activity
    android:name=".placements.CompanyHomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".placements.PostDriveActivity"
    android:label="@string/app_name" />
<activity
    android:name=".placements.ViewDrivePostsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".placements.ViewStudentsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".placements.ViewEligibleStudentsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".placements.QuestionsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".timetable.TimeTableHomeActivity"
    android:label="@string/app_name" />
<activity
    android:name=".timetable.NotesActivity"
    android:label="@string/app_name" />

<!--
<activity
    android:name=".qlless.MainActivity"
    android:label="@string/app_name" >

</activity>
-->

<activity
    android:name=".library.ChangePassword"
    android:label="@string/app_name" />
<activity
    android:name=".library.LoginActivity"
    android:label="@string/app_name" />
<activity
    android:name=".library.HomeActivity"
```

```
        android:label="@string/app_name" />
<activity
    android:name=".library.SearchBooksActivity"
    android:label="@string/app_name" />
<activity
    android:name=".library.ProfileActivity"
    android:label="@string/app_name" />
<activity
    android:name=".library.SearchJournalsActivity"
    android:label="@string/app_name" />
<activity
    android:name=".library.ViewRequestActivity"
    android:label="@string/app_name" />
<activity
    android:name=".library.QuestionPaperActivity"
    android:label="@string/app_name" />
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    android:name=".qlless.RegisterCropActivity"
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<activity
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<activity
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<activity
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<activity android:name=".agriculture.BlogsDetailsActivity" />
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    android:name=".agriculture.RegisterActivity"
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    android:label="Lands" />
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<activity
    android:name=".kisanmitra.ViewBidsDetailsActivity"
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    android:name=".kisanmitra.ViewItemsActivity"
    android:label="@string/app_name" />
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    android:label="@string/app_name" />

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    android:exported="false"
    android:grantUriPermissions="true" >
    <meta-data
        android:name="android.support.FILE_PROVIDER_PATHS"
        android:resource="@xml/provider_paths" />
</provider>

</application>

</manifest>
</Form>
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