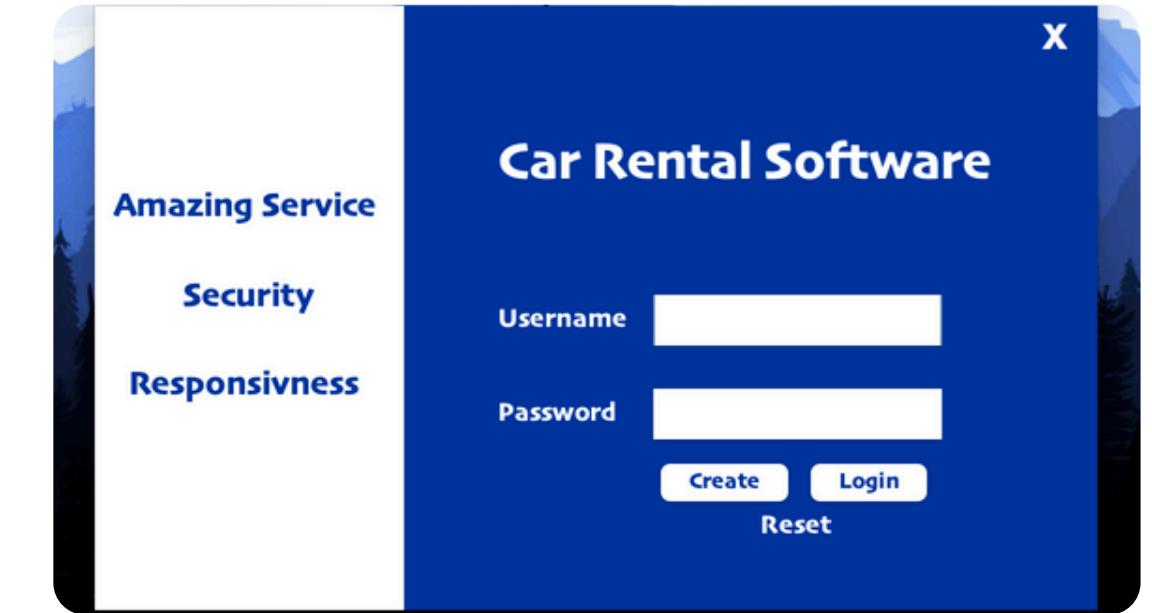
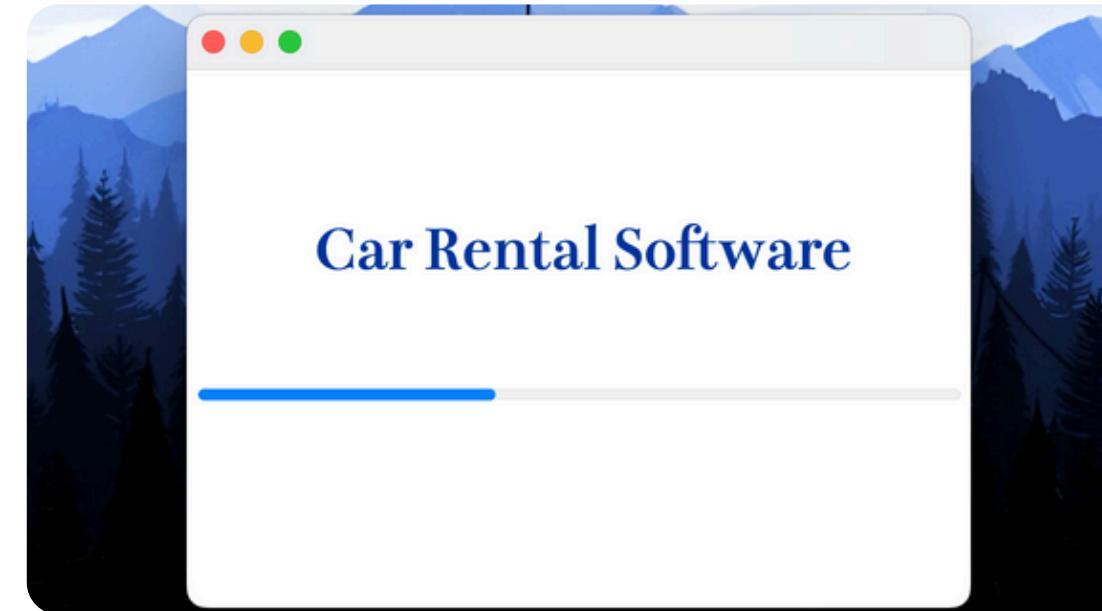
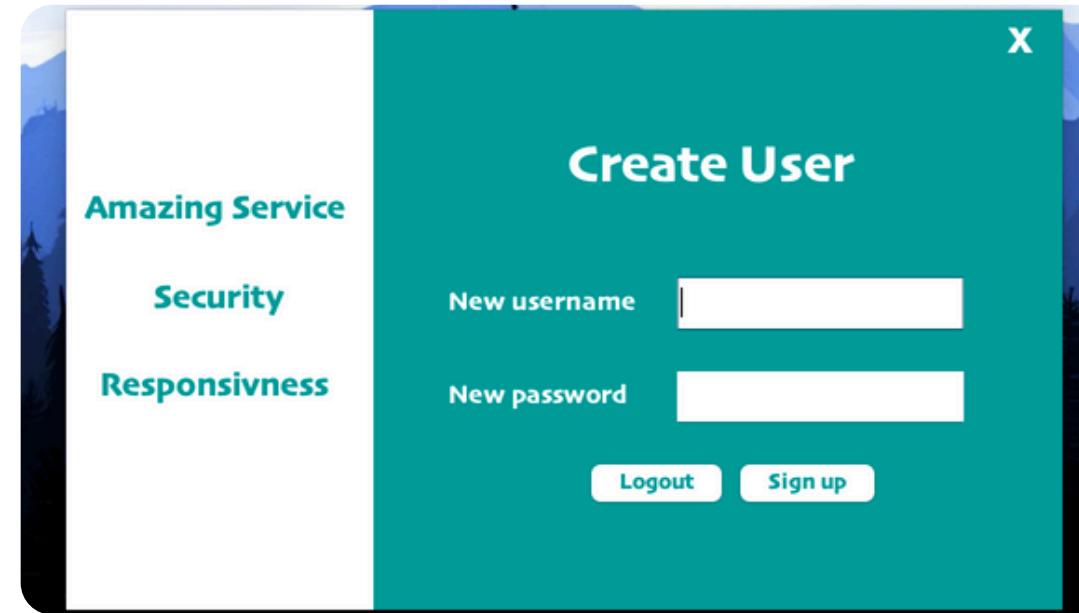


Car Rental

Splash, Login, CreateUser



Shows startup screen with 3-5 second delay.

Transitions to login window.

Admin adds new users.
Saves to userable (username, password).
Links to login system.



Authenticates via database.

Admin: login / password.

Button for user creation

Car Rental

Cars Page

X

Manage Cars

State Number	Brand	Model	Status	Price
01KG019JKL	Honda	Inspire	Available	300

Save **Update** **Delete** **Reset** **Export**

Car list

StateNumber	Brand	Model	Status	Price
01KG019JKL	Honda	Inspire	Available	300
08KG008UMR	Honda	Stream	Available	700
07KG007TYR	Tesla	CyberTrack	Available	900
01KG210BAY	KIA	K5	Available	210
01KG001KGZ	Mercedes	Maybach	Available	1000
09KG999SKY	Nissan	Skyline GTR 34	Booked	200
09KG009AZZ	Lexus	es200	Available	3000

Manages cars in cartable.

Functions :

Add, update, delete cars

Fields:

number, brand, model, status, price.

Features:

Real-time table updates.

Exports to Cars.csv.

Car Rental

Customers Page

X

Manage Customers

Passport ID	Name	Address	Phone Number
23768723	Abdulaziz	Gagarina 23	+ 996 555 79 25 01

Save **Update** **Delete** **Reset** **Export**

Customers list

CustId	CustName	CustAddress	CustPhone
2394803	Batyr	Ankara 133	+ 996 700 876
232834934	Islam	Japan Yokahoma 32	+7 873 324 432
239833	Arslan	Deutch Street 21	+90 934 4383
2918	Tilek	Saliev 373	+996 501 466 644
2386323	Baya	Ankara 223	+990 73823 32
832378273	Umar	Janaev	+708 77 66 88
23768723	Abdulaziz	Gagarina 23	+ 996 555 79 25 01

Manages clients in customertable

Functions:

Add, update, delete customers.

Fields:

ID, name, address, phone.

Features:

Data shown in table.

Exports to Customers.csv.

Car Rental

Rents Page

Cars Rental

State Number	Customer Name	Rent Date	Return Date	Fees	count
08KG008UMR	Umar	1 апр. 2025 г.	5 апр. 2025 г.	2800	X

Available Cars

StateNumber	Brand	Model	Status	Price
01KG019JKL	Honda	Inspire	Available	300
08KG008UMR	Honda	Stream	Available	700
07KG007TYR	Tesla	CyberTrack	Available	900
01KG210BAY	KIA	K5	Available	210
01KG001KGZ	Mercedes	Maybach	Available	1000
09KG009AZZ	Lexus	es200	Available	3000

Cars on Rent

CarStateNum	CustName	RentDate	ReturnDate	RentFees
09KG999SKY	Tilek	2025-04-01	2025-04-19	3600

Print

Handles rentals in renttable

Functions:

- **Select car and customer.**
- **Set rent dates, calculate fee.**

Features:

- **Car status → Booked.**
- **Exports to RentedCars.csv**

Car Rental

Returns Page

x

Cars on Rent				
CarStateNum	CustName	RentDate	ReturnDate	RentFees
09KG999SKY	Tilek	2025-04-01	2025-04-19	3600

State Number
09KG999SKY

Customer

Return Date
20 апр. 2025 г.

Delay
1

Fine count
3800

Return

Reset

Export

Returned Cars				
CarStateNum	CustName	RetDate	Delay	Fine
09KG999SKY	Arslan	2025-04-17	9	900
07KG007TYR	Arslan	2025-04-12	10	1000
07KG007TYR	Islam	2025-04-03	10	100
01KG019JKL	Batyr	2025-04-05	10	100
09KG999SKY	Islam	2025-04-03	1	-294967296
09KG999SKY	Arslan	2025-04-05	2	800
08KG008UMR	Umar	2025-04-10	0	7000
07KG007TYR	Islam	2025-04-15	2	4500
01KG210BAY	Umar	2025-04-04	2	630
01KG001KGZ	Batyr	2025-04-05	2	4000
09KG009AZZ	Abdulaziz	2025-04-30	0	90000

Manages returns in returnable

Functions:

- Set return date.
- Calculate delay and fine.

Features:

- Car status → Available.
- Exports to ReturnedCars.csv.

Cars

Customers>

Rent Car

Return Car

Logout

CAR RENTAL

The screenshot shows a Java Swing application window titled "CAR RENTAL". On the left, there's a sidebar with navigation links: "Cars", "Customers>", "Rent Car", "Return Car", and "Logout". The main area has two tabs: "Customer" (selected) and "Car". The "Customer" tab displays a form with fields: "Passport ID" (text input: "23768723"), "Name" (text input: "Abd"), and a "Save" button. Below this is a table with columns "CustId" and "Name". The table contains several rows of data, with the last row ("23768723, 23768723") highlighted in blue. To the right of the table are two circular icons: one for PostgreSQL JDBC (blue circle with a white elephant logo) and one for Java (blue circle with a Java logo).

Used Tools

- PostgreSQL JDBC: Database connection
- rs2xml: Table data display
- JCalendar: Date picker
- AbsoluteLayout: GUI layout
- Commons DbUtils: JDBC helper
- Maven: Build tool

Needed Programs

- Java Development Kit (JDK 17)
- Maven
- PostgreSQL
- IDE (IntelliJ IDEA, NetBeans, or VSCode)

Car Rental Software

Thank You
for your attention

**Arslan Sopakunov
COMCEH24**

