



Collaborative Labs

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Hello Team,

This is the documentation file of project **College Bus Management System (CBMS)** created by **Collaborative Labs Software Solutions**. The project is done using language: JAVA and database is MySQL. The following is the hardware & software requirements of CBMS.

Hardware Requirement

Processor: Intel Dual Core

RAM: 512MB

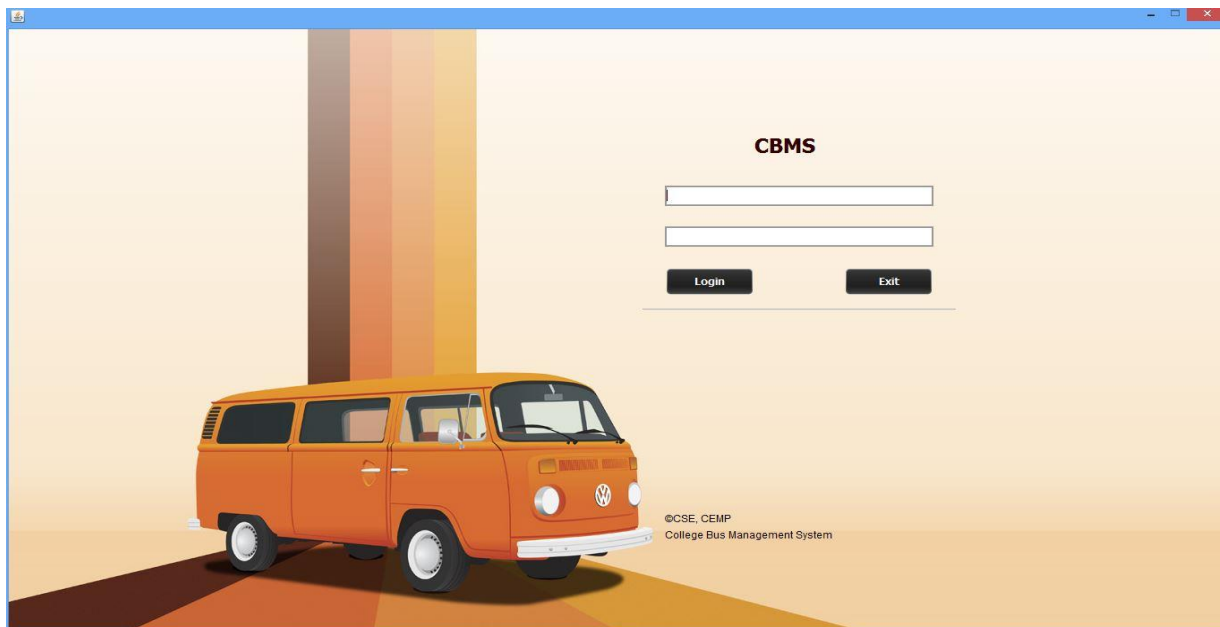
Software Requirement

1. JAVA
2. MySQL



CBMS: UI Information

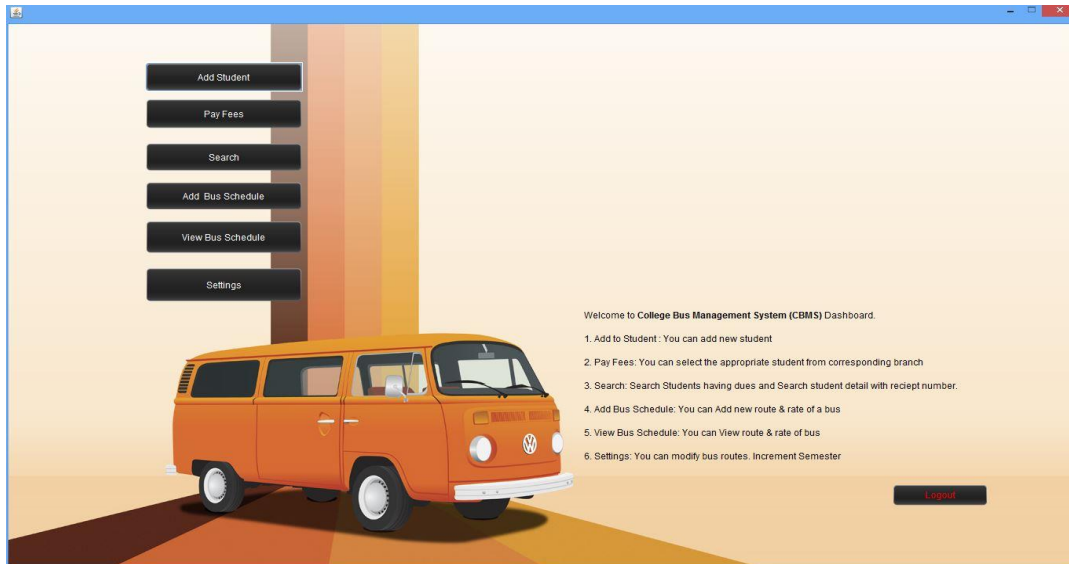
LOGIN



Login page contains two fields to enter: 1. UserName 2. Password

Default username and password is: admin, admin.

DASHBOARD



Details of Dashboard is listed in UI itself.

ADD STUDENT



Input StudentID, Student Name, Branch, Semester, Route No., Bus Stop, Rate.

You cannot edit rate here. For editing and adding new routes, you need to go to Schedule page.



PAY FEES

Branch: CSE Semester: 1 Student ID: [dropdown]

Name: [input] Route No: [input] Bus Stop: [input] Dues: [input] Balance: [input] Fees to Pay: [input] Fees Paid: [input]

Pay Back

Amount Not Paid

Select Branch, Semester, StudentID.

Then details of that student will be loaded in the right section.

Type the fees to pay and press PAY button. After that you will get the receipt and print the receipt.

SEARCH

Search By: ReceiptNo Receipt No: [input] Find

| Title 1 | Title 2 | Title 3 | Title 4 |
|---------|---------|---------|---------|
|---------|---------|---------|---------|

Print Back

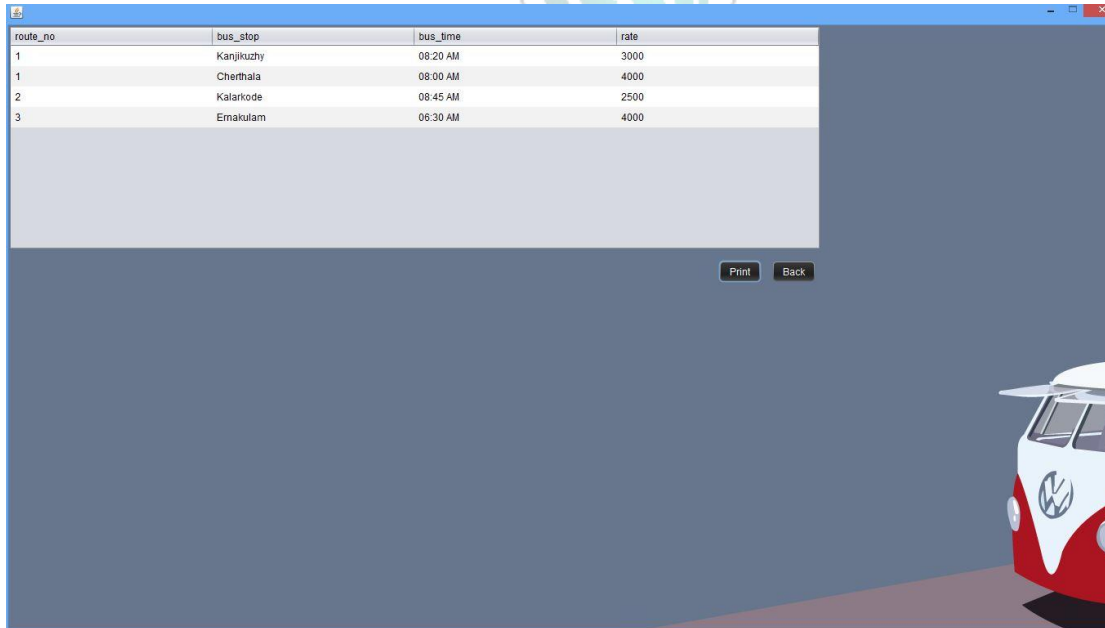
You can search students based on dues & based on receipt number.

ADD BUS SCHEDULE



You can add bus route, bus stop, time, rate of a bus.

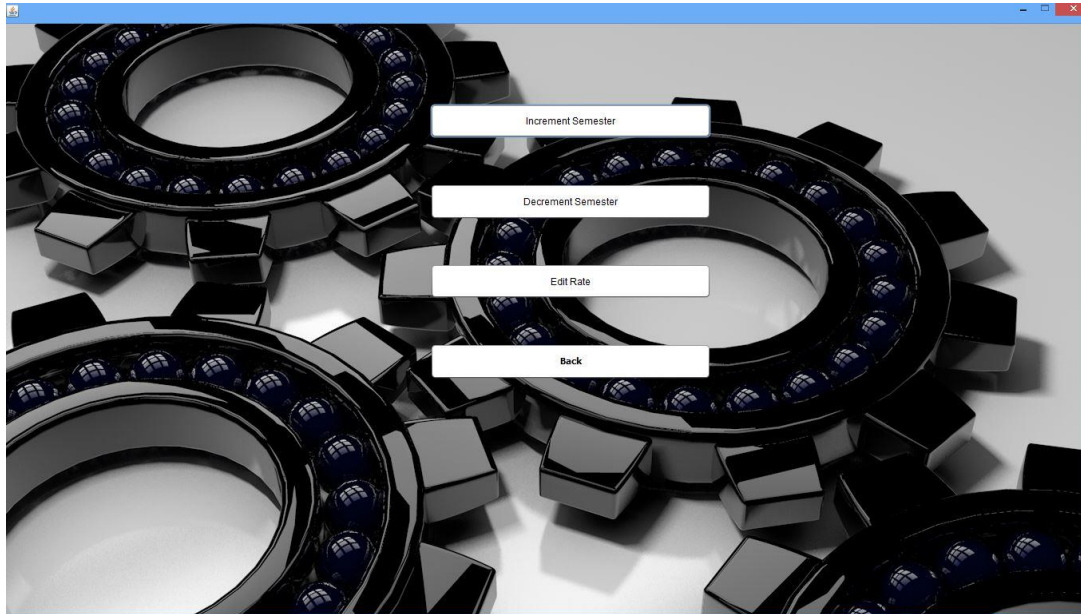
VIEW BUS SCHEDULE



| route_no | bus_stop | bus_time | rate |
|----------|------------|----------|------|
| 1 | Kanjikuzhy | 08:20 AM | 3000 |
| 1 | Cherthala | 08:00 AM | 4000 |
| 2 | Kalarkode | 08:45 AM | 2500 |
| 3 | Emakulam | 06:30 AM | 4000 |

You will get all the details of all routes and bus.

SETTINGS

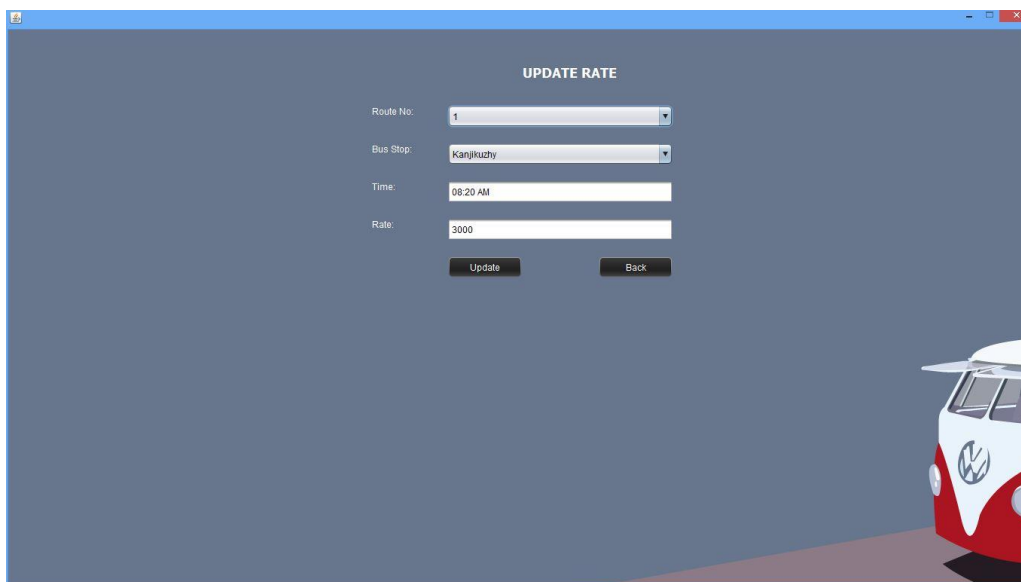


Increment Semester: This button will increase the semester of all students. Click this button when new semester starts.

Decrement Semester: This button will decrease the semester of all students. Click this button if required. (Optional).

Edit Rate: You can edit rate of a particular route.

EDIT RATE



UPDATE RATE

| | |
|-----------|--|
| Route No: | <input type="text" value="1"/> |
| Bus Stop: | <input type="text" value="Kanjikudy"/> |
| Time: | <input type="text" value="08:20 AM"/> |
| Rate: | <input type="text" value="3000"/> |

Select route number and bus stop, then you can edit the rate of that bus route.



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Thanks & Regards

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