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README

1. Register

To register a new account, click 'Don't have an Account? Register'. The user will be navigated to the Signup.php file. Fill in all the input properly (with Australian number and email in the correct format). Then, click submit. If it is successful, the user will see the Cars page.

2. Login

To login, select user type (admin/renter), enter email and password and click login.

Admin:

Email: cah892@uow.edu.au

Password: admin2023

Renter:

Email: cah892@uow.edu.au

Password: testpassword123

3. Logout

The user can sign out from their account by clicking 'Sign Out' in the top navigation bar.

4. Insert Car

Administrator can insert a new car by clicking the 'Insert Car' button in the Cars page. The user would need to enter the car information properly to add the car successfully.

5. Admin: list all, available, overdue, and rented cars.

All – select 'all' from the dropdown and click search.

Available (default) – select 'available' from the dropdown and click search.

Overdue – select 'overdue' from the dropdown and click search. This will list all cars that are currently rented, but overdue.

Rented – select 'rented' from the dropdown and click search. This will list all cars that are currently rented (including the overdue ones).

6. Admin: Change status

Select a car and change the status by selecting a value from the dropdown provided.

7. Renter: list all available cars and apply filter

This can be done in the Cars page. If the user wants to get cars based on status only, they do not have to enter anything in the plates, model, and type input. This also apply to the other filter attributes. To reset the filter, click the search button without filling in the plates, model, and type.

8. Renter: see ongoing rent and rental history

Ongoing rent and rental history can be accessed in 'My Account' page. The rental history lists all cars that the user has rented and returned. Ongoing rent lists all cars that the user is currently renting including the overdue one.

9. Renter: rent a car

Select a car and click 'Rent' button. Then the user will be navigated to the rent car page.

10. Renter: return a car

To return a car, go to 'My Account' page and select an ongoing rented car. The return date will be based on the current date. The duration will be re-calculated based on the return date and start date. If the return date is smaller than the end date, the overdue cost would be 0.

Files:

1. ./asset/

- Illustration.jpeg: illustration for the login page
- Logo.png: brand logo

2. ./auth/

- Login.php: user login by selecting user type (either renter or administrator), entering email and password.
- Signup.php: register user by selecting user type (either renter or administrator), filling in personal details and password.

3. Car.php

In this page, user can search cars (by combination of plates, model, or type). Admin can list all/available/overdue/rented cars. Renter can list all available cars and apply filter.

4. ChangeStatus.php

This page allows admin to change status of a selected car.

5. Class_Car.php

This file contains a class Car that consist of 7 attributes: car_id, plates, model, type, status, cost_per_day, and cost_overdue_per_day. The class Car represents the object Car with functions that are related to it. The filter_cars function is mainly used to search cars by plates, model, type, and/or status.

6. Class_User.php

The class User has 2 inheritances, such as Administrator and Renter. The functions that are placed inside the parent class allows both inheritances to access it (e.g. get_available_cars, get_user, and insert_user).

7. Index.php

Navigate user to login page.

8. InsertCar.php

This page only allows administrator to insert a new car. The input will be validated. If the validation fail, an error message will be displayed. Entering duplicate plates are not allowed.

9. RentCar.php

Renter can rent a car. All information about the selected car is displayed in this page. The user should enter the start date and end date of renting the car.

10. RentConfirmation.php

This page displays rent confirmation, such as the length of the renting (duration in days) and the total estimated cost that is calculated automatically.

11. ReturnCar.php

This page allows renter to return a rented car. The overall cost, including overdue cost, will be displayed in this page.

12. Style.css

CSS file for HTML styling.

13. User.php

This page allows user to see the account details, ongoing/future rent, and rental history.

14. README.txt

Readme file containing all information about the website.

15. Rental_buddy.sql

This file contain script to load RentalBuddy database using phpMyAdmin.

The tables in the database are:

- Cars: stores the information about all cars (car_id, plates, model, type, status, cost_per_day, cost_overdue_per_day)
- Rental_record: stores all rental records (rental_id, car_id, start_date, end_date, actual_return_date, total_cost, duration)
- User: stores user information (user_id, full_name, surname, phone, email, type, password)