CYCLE DATABASE MANAGEMENT SYSTEM

PROBLEM STATEMENT

Cycle database management system could be effeciently used by shopkeepers selling cycles.

They can store all the cycles stock present at their store in the database and use it to display in the website.

Interested users can simply use the website to see their favourite cycles, if present at the store(this will help them to save lots of time) in this website. They can then request an enquiry that they’re interested for the cycle.

Shopkeeper sees user’s enquiry and will contact them accordingly to sell the respected cycle.

TOOLS USED

Front end tools:

* HTML5
* CSS3
* JAVASCRIPT

Back-end tools:

* SQLITE3
* PYTHON
* FLASK

MODULES

**Module 1:** Sign Up/Sign in page for customers

**Module 2:** Home page, for customers, displaying all the available cycles and their price, category wise(say for children)

**Module 3:** Interested cycles list and their quantity

requested by customers

**Module 4:** List of all previous enquired cycles by a customer

**Module 5:** Log in page for admin(who have special access to data)

**Module 6:** Admin page, displaying the cycles requested by different users. Admin can contact customers by their phone number or email

**Module 7:** Fill up form for admin to add new stocks/cycles in the database

APPLICATION

* Shopkeepers can promote their shops and can reach a larger number of customers
* Customers can compare different cycles, their prices and availability just by sitting at their home.
* Shopkeepers can send discount messages/new cycles alert/etc. to their listed customers to increase sale.
* A simple one website could be easily maintained and used by various shopkeers as well as customers