eKart Database Project

Abstract:

eKart project is a mini implementation of an e-commerce using web technologies. In this project we will provide all the necessary features that are needed for an e-commerce website. There are various modules in the project. Some of them are user sign up and login, controlling products in cart, reviewing products, easy checkout procedure etc. This project handles huge data from users and admins effectively without compromising security. Whole project followed object oriented programming, so it will be easy to scale the project to a bigger level.

Implementation:

This project used popular web technologies to implement an online shopping platform. The web technologies that are used are PHP, HTML5, CSS3, JS, and AJAX which are very widely used. Whole backend is programmed in PHP. To maintain scalability various classes were defined. Separate class for user and product has been defined. This makes it easy to access data in the frontend. To manage the data of the users and products: MySQL, a popular Database Management Software is used. Various tables with all proper relations has been defined to maintain consistency among data without redundancy. This project doesn't compromise in user interface too. Followed the principles of material design in order to provide a user friendly interface.

Languages Used:

Backend: PHP

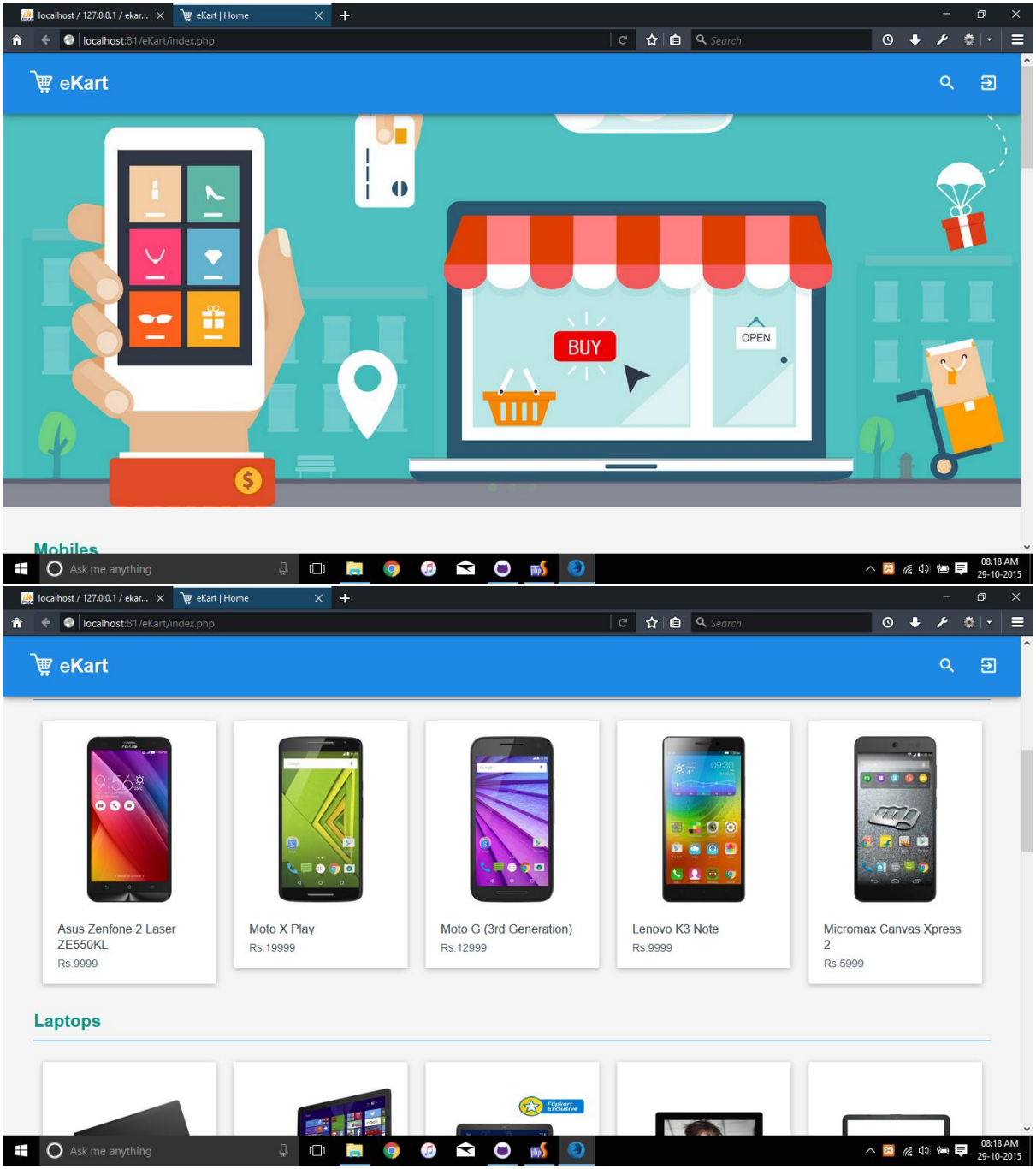
Frontend: HTML5, CSS3, JavaScript, AJAX

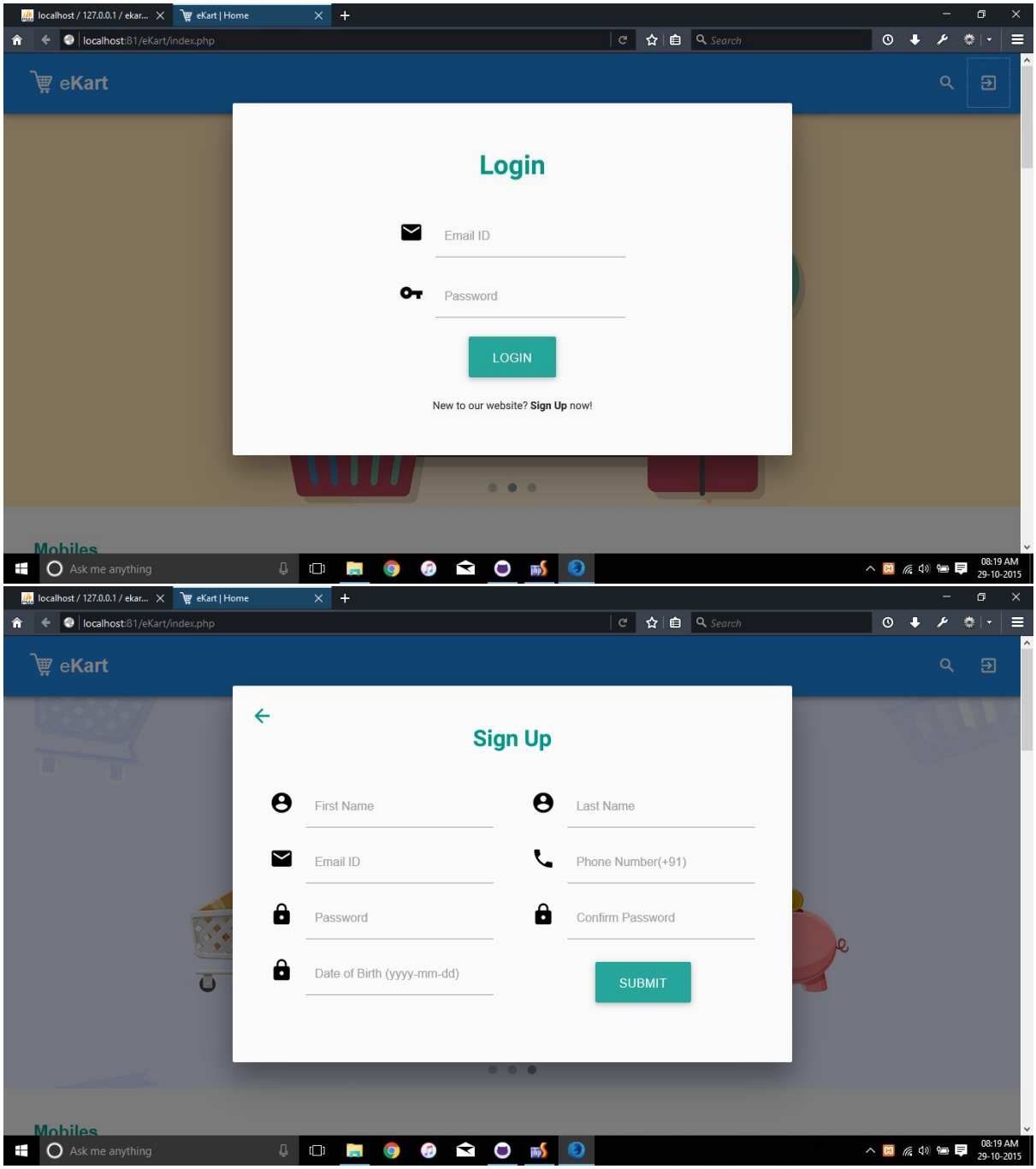
DBMS: MySQL

Software's used:

PhpStorm (IDE), Git (VCS), Apache (Local Server), phpMyAdmin (GUI for MySQL), Firefox (Browser).

Screenshots




localhost / 127.0.0.1 / ekar...
eKart | Home
localhost:81/eKart/index.php
Search
eKart
Login
Email ID
Password
LOGIN
New to our website? Sign Up now!
Mobiles
Ask me anything
08:19 AM
29-10-2015
localhost / 127.0.0.1 / ekar...
eKart | Home
localhost:81/eKart/index.php
Search
eKart
Sign Up
First Name
Last Name
Email ID
Phone Number(+91)
Password
Confirm Password
Date of Birth (yyyy-mm-dd)
SUBMIT
Mobiles
Ask me anything
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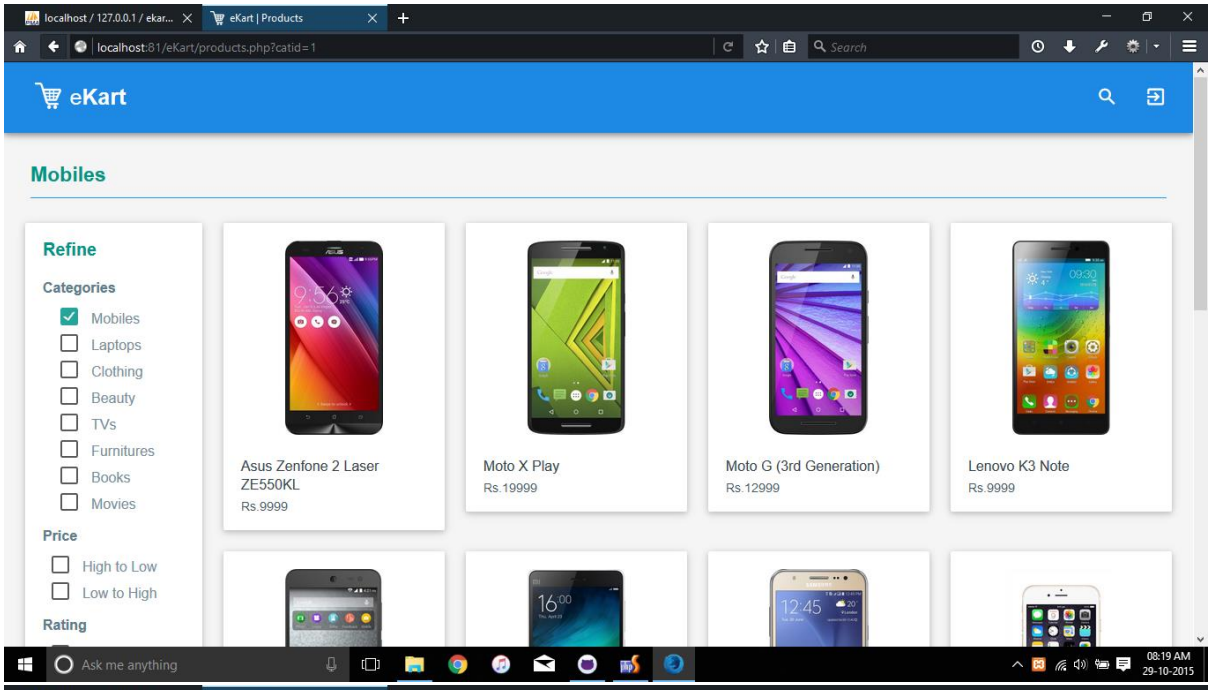
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Search
eKart
Mobiles
Refine
Categories
Mobiles
Laptops
Clothing
Beauty
TVs
Furnitures
Books
Movies
Price
High to Low
Low to High
Rating
Asus Zenfone 2 Laser ZE550KL
Rs.9999
Moto X Play
Rs.19999
Moto G (3rd Generation)
Rs.12999
Lenovo K3 Note
Rs.9999
Ask me anything
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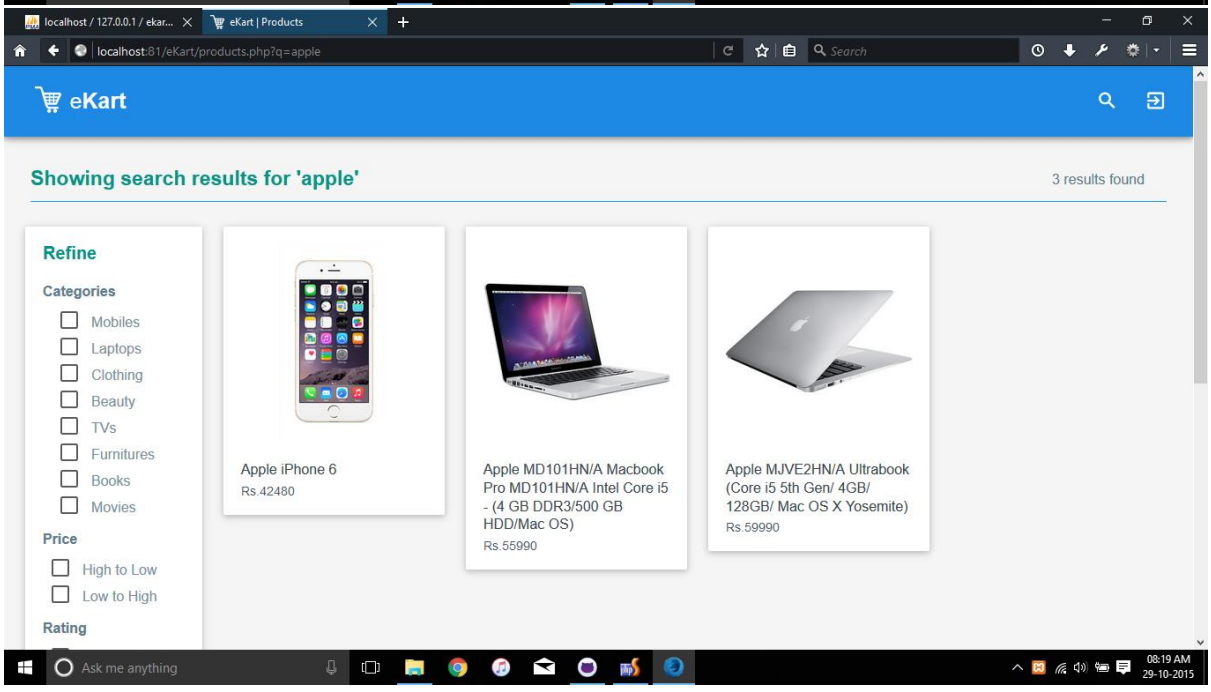
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eKart | Products
localhost:81/eKart/products.php?q=apple
Search
eKart
Showing search results for 'apple'
3 results found
Refine
Categories
Mobiles
Laptops
Clothing
Beauty
TVs
Furnitures
Books
Movies
Price
High to Low
Low to High
Rating
Apple iPhone 6
Rs.42480
Apple MD101HN/A Macbook Pro MD101HN/A Intel Core i5 - (4 GB DDR3/500 GB HDD/Mac OS)
Rs.55990
Apple MJVE2HN/A Ultrabook (Core i5 5th Gen/ 4GB/ 128GB/ Mac OS X Yosemite)
Rs.59990
Ask me anything
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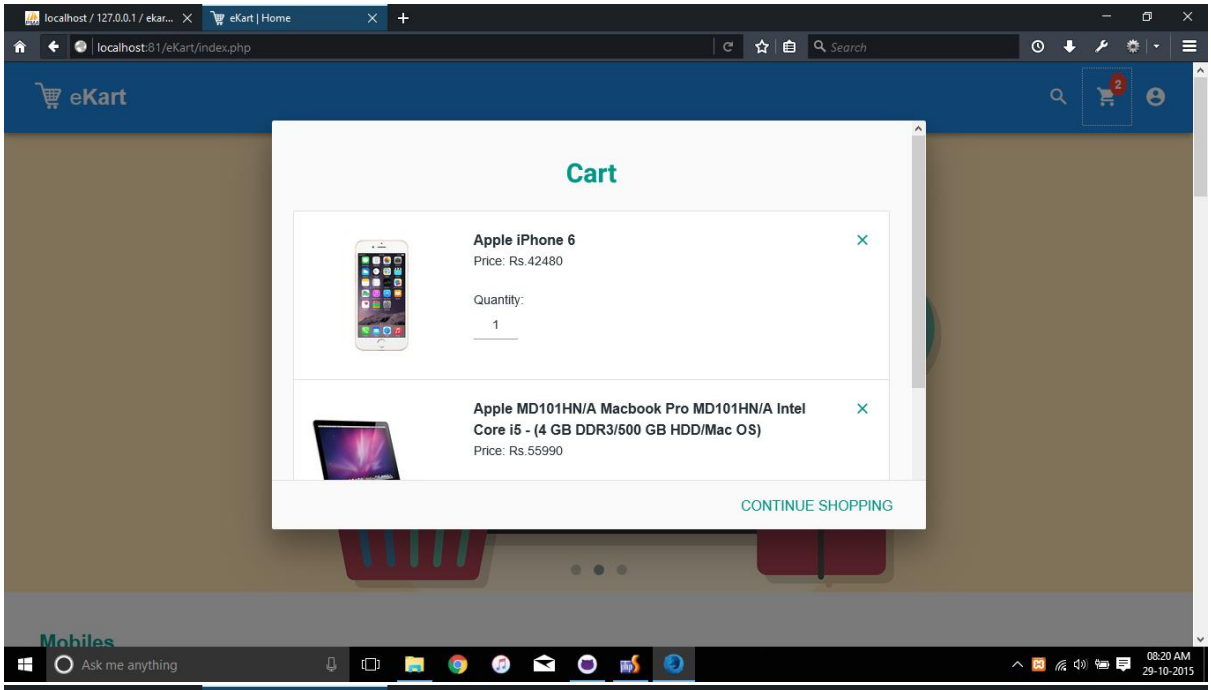
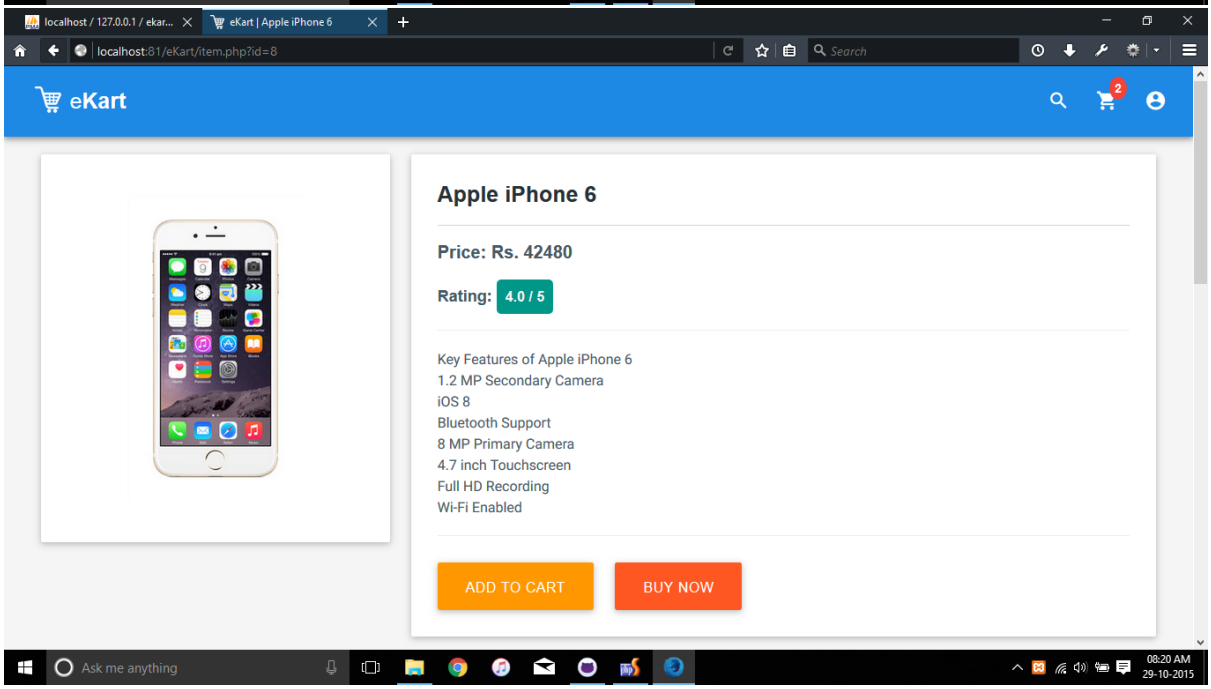
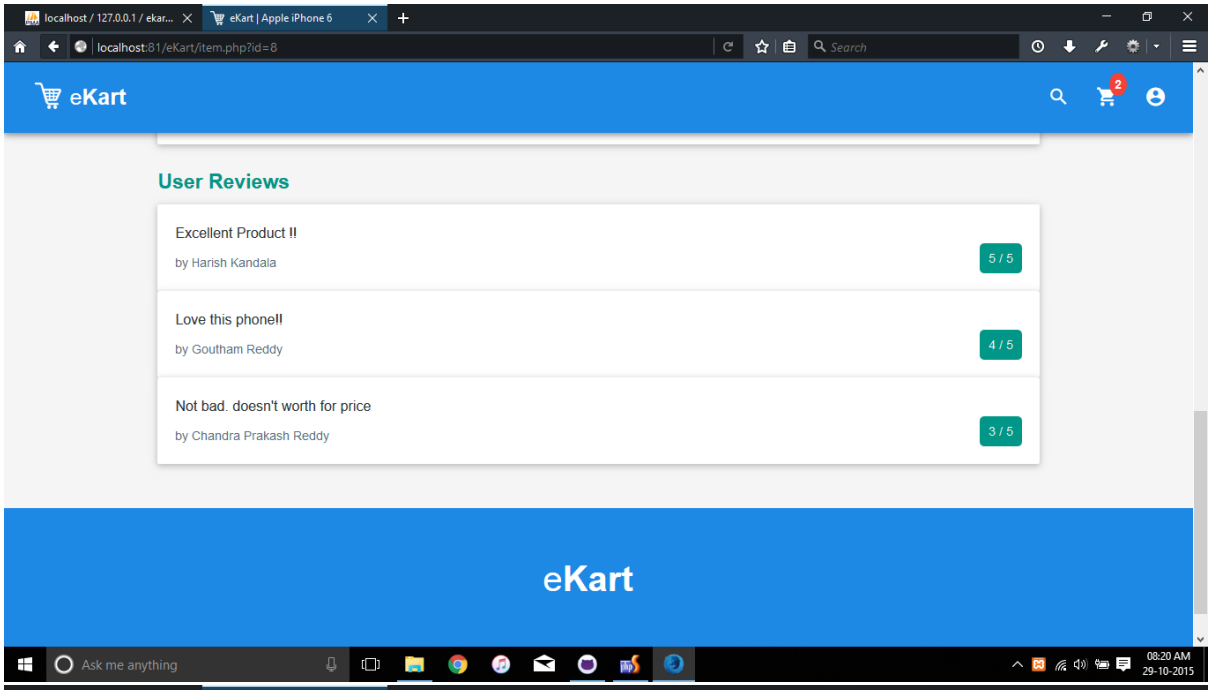

localhost / 127.0.0.1 / ekar...
eKart | Home
localhost:81/eKart/index.php
Search
eKart
Cart
Apple iPhone 6
Price: Rs.42480
Quantity:
1
Apple MD101HN/A Macbook Pro MD101HN/A Intel Core i5 - (4 GB DDR3/500 GB HDD/Mac OS)
Price: Rs.55990
CONTINUE SHOPPING
Mobiles
Ask me anything
08:20 AM
29-10-2015


localhost / 127.0.0.1 / ekar...
eKart | Apple iPhone 6
localhost:81/eKart/item.php?id=8
Search
eKart
Apple iPhone 6
Price: Rs. 42480
Rating: 4.0 / 5
Key Features of Apple iPhone 6
1.2 MP Secondary Camera
iOS 8
Bluetooth Support
8 MP Primary Camera
4.7 inch Touchscreen
Full HD Recording
Wi-Fi Enabled
ADD TO CART
BUY NOW
Ask me anything
08:20 AM
29-10-2015


localhost / 127.0.0.1 / ekar...
eKart | Apple iPhone 6
localhost:81/eKart/item.php?id=8
Search
eKart
2
User Reviews
Excellent Product !!
by Harish Kandala
5 / 5
Love this phone!!
by Goutham Reddy
4 / 5
Not bad. doesn't worth for price
by Chandra Prakash Reddy
3 / 5

eKart
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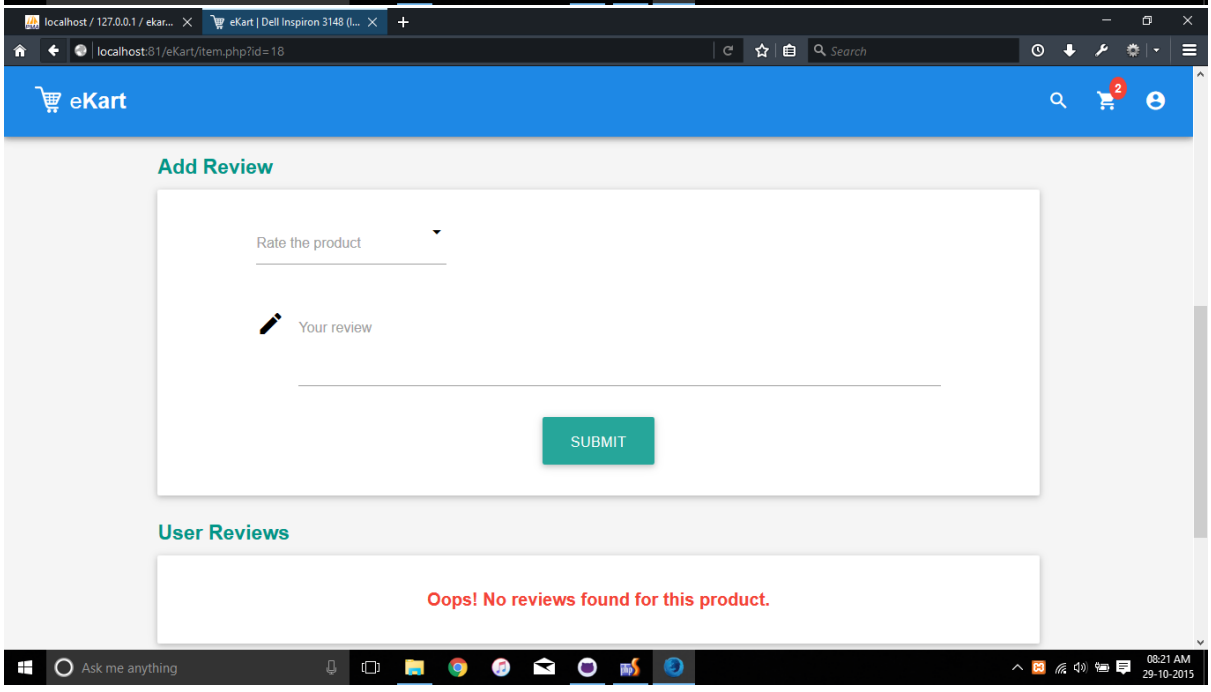
localhost / 127.0.0.1 / ekar...
eKart | Dell Inspiron 3148 (I...
localhost:81/eKart/item.php?id=18
Search
eKart
2
Add Review
Rate the product
Your review
SUBMIT
User Reviews
Oops! No reviews found for this product.

Ask me anything
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29-10-2015