

HoneyComb

User Manual

P008

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Introduction

HoneyComb is an interactive platform for buying, selling, and renting any students' resources within a college community. This project is a web application built over django framework. It can be hosted locally by cloning the GitHub repository. MySQL is used as the database management system. Frontend is made using HTML, CSS, JavaScript and Bootstrap framework.

Find the GitHub repository [here](#).

Project Requirements (for local hosting)

- Python 3.8 and above
- MySQL server and MySQL Workbench (recommended 8.0 and above)
- Git

To run the project on local server

- Clone the remote repository on your system.
- Install all the dependencies by running the command **pip install -r requirements.txt**
- Create a new connection in MySQL Workbench and import the database from database.sql file in the **/sqldump** directory.
- Create a user in MySQL Workbench with the name **dbadmin** and leave the password field blank, granting all permissions to the user.
- Run the command **python manage.py makemigrations**
- Run the command **python manage.py migrate**
- Run the command **python manage.py runserver** and browse the corresponding URL provided.

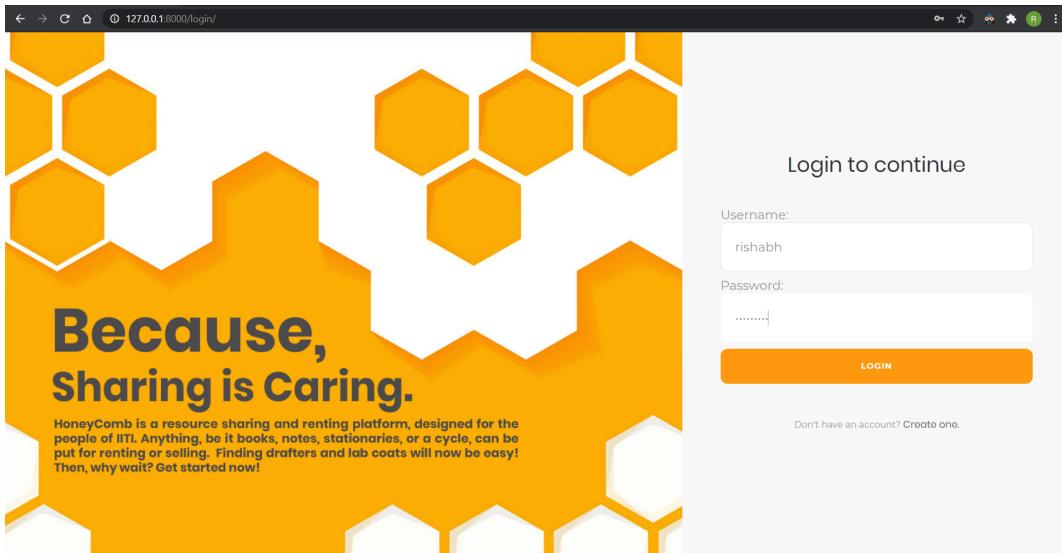
Command to run test cases

You can run the test cases using the command: **python manage.py test**

Interacting with the Web Application Interface

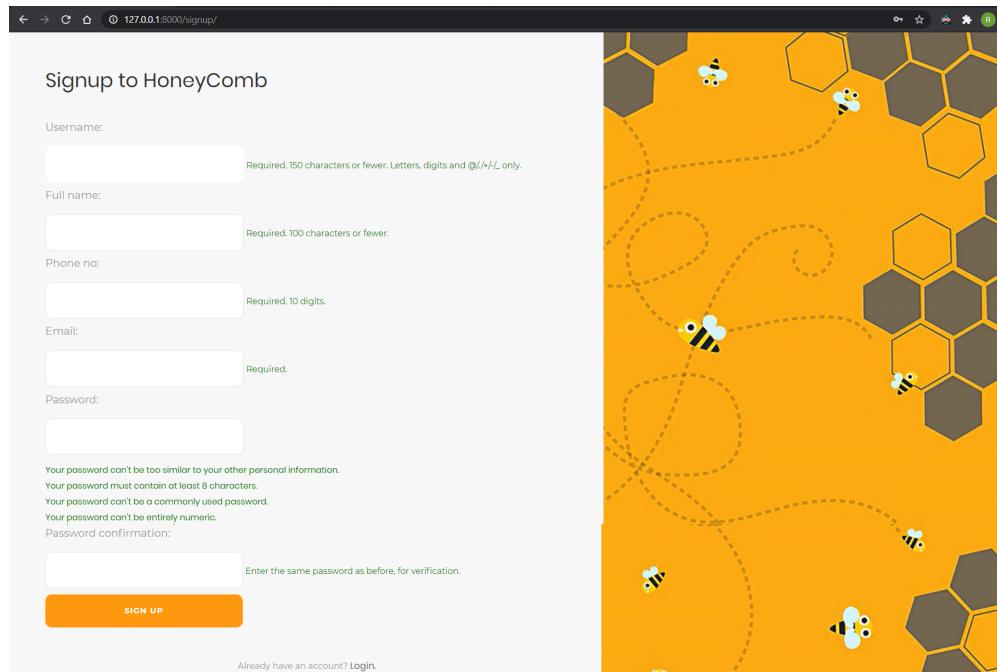
The web application consists of numerous pages to ease the interaction with you. With minimal efforts, you can put up ADs to sell your products, or search for the desired products. Though the interface has been designed to be self explanatory, we urge you to take a look at the below instructions to get a brief overview of how the web application works.

Login Page



This is where you will land immediately after opening the website. You can successfully login by entering the correct credentials.

Signup Page



If you don't have an account on this website, then you can easily create one by filling up your credentials. Password hashing is implemented for unintentional leaks. So rest assured with your privacy since we take your privacy very seriously and treat all your personal data we collect in accordance with privacy policy.

Home Page

The screenshot shows the HoneyComb website homepage at 127.0.0.1:8000. The header includes a logo, navigation links (Home, About, Buy, Sell, Contact us), a search bar, and a user profile. The main banner features a yellow hexagonal pattern and the text "Your one stop solution for Buying and Sharing!". Below the banner is a section titled "Recently Added" with four items: a book cover, a soccer ball, a clock, and a green bucket. The main content area displays a grid of products:

Product	Price	Action
Biography	₹ 20.0	Rent Now
Electric Kettle	₹ 40.0	Buy now
Relaxwell Mattress	₹ 500.0	Buy now
Square Sets	₹ 100.0	Buy now
Lab files	₹ 500.0	Buy now
Relaxwell Mattress	₹ 1000.0	Buy now
Square Sets	₹ 20.0	Buy now
Lab files	₹ 20.0	Buy now

The footer contains the HoneyComb logo, links to About Us, Quick Links (Home, About, Contact Us), and social media icons for Facebook and Instagram.

This is where you will be redirected after successfully logging in or signing up. Here, you can see recently put up products by sellers, and can wishlist or buy/rent them. You can navigate through the website by using the navigation bar on the top.

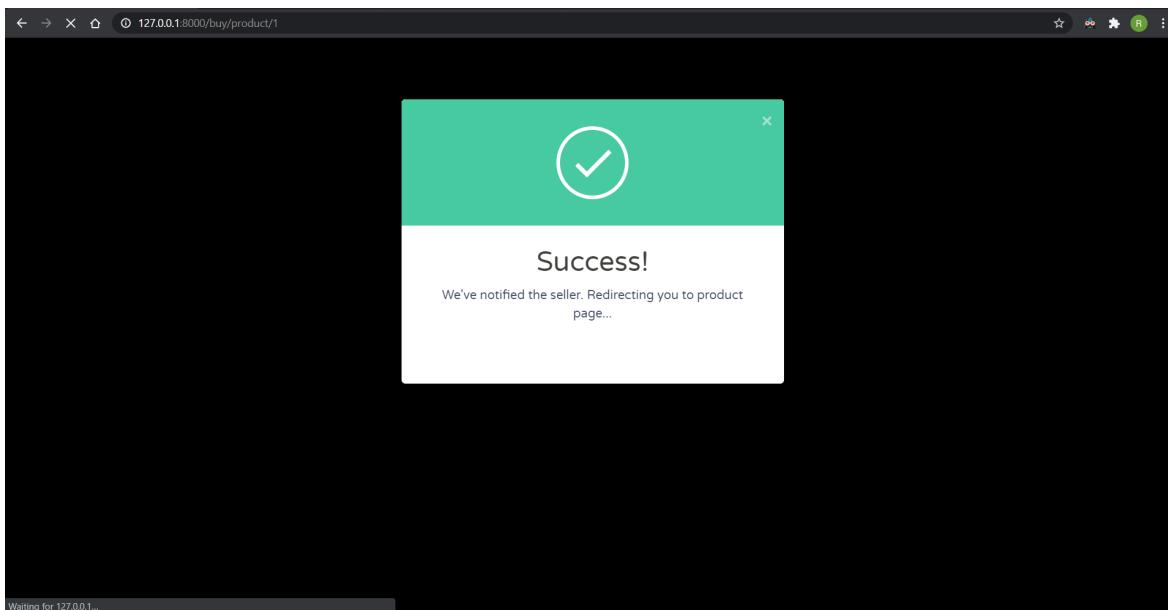
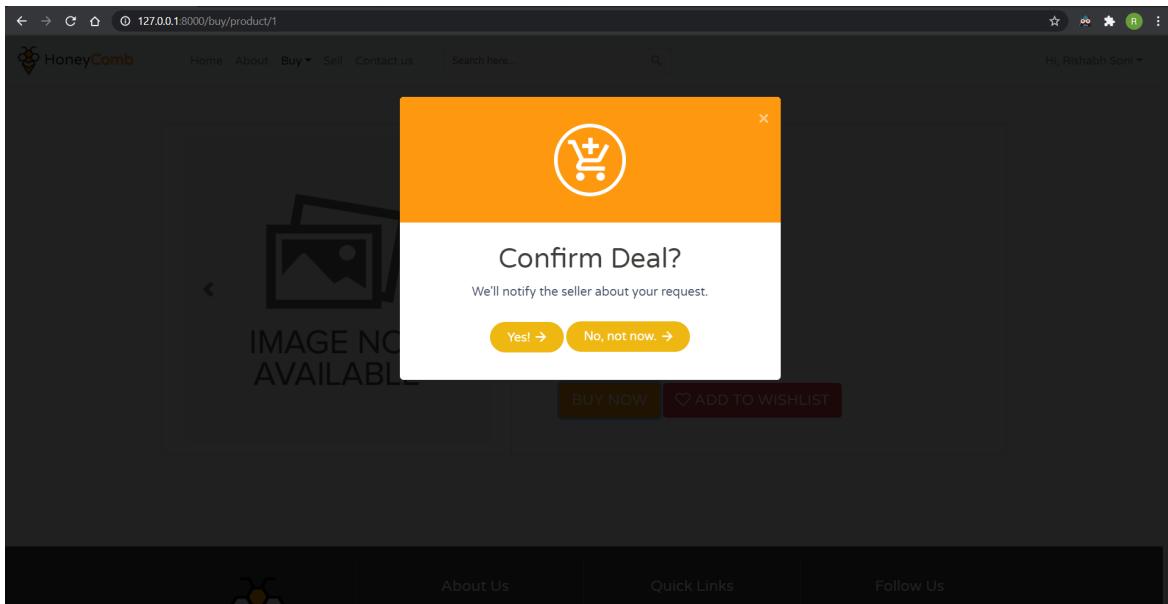
About Us Page

The screenshot shows a web browser window for the URL 127.0.0.1:8000/aboutus/. The page has a header with the HoneyComb logo, navigation links for Home, About, Buy, Sell, Contact us, and a search bar. A user profile 'Hi, Rishabh Soni' is visible on the right. The main content area features a large heading 'Vision' and a paragraph about the company's mission to simplify buying and selling for college students. To the right is a colorful illustration of three people interacting with a large computer monitor displaying a bar chart, surrounded by shopping icons.

This page gives a brief introduction about us, the developers - who we are, what is our vision and what do we aspire to achieve through the continuous support of our fellow developers.

Buy Page for an Individual Product

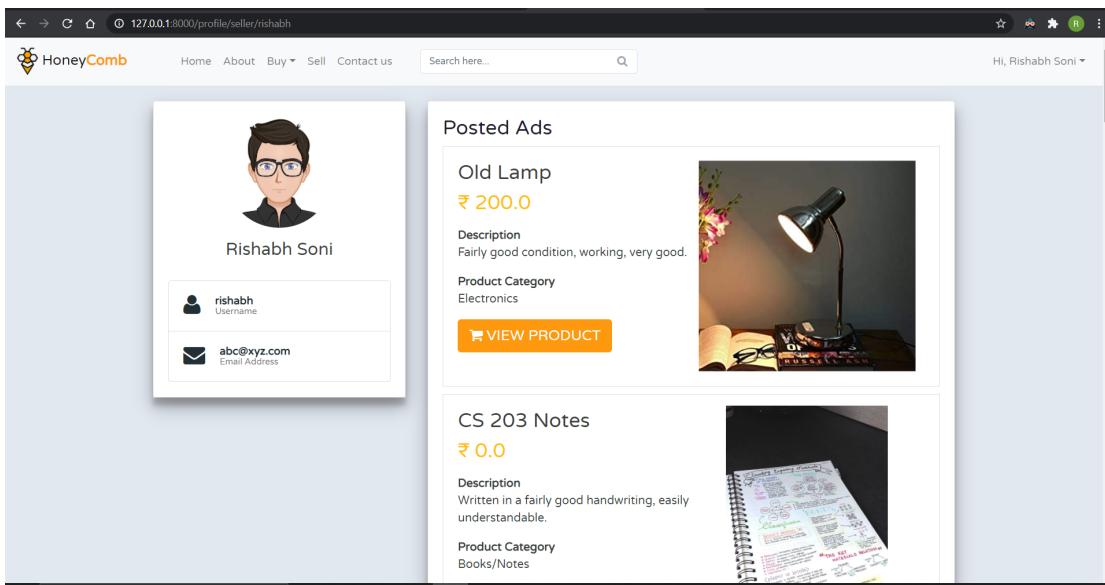
The screenshot shows a web browser window for the URL 127.0.0.1:8000/buy/product/2. The page has a header with the HoneyComb logo, navigation links for Home, About, Buy, Sell, Contact us, and a search bar. A user profile 'Hi, Rishabh Soni' is visible on the right. The main content area displays a product listing for an 'Old Lamp'. It includes a thumbnail image of the lamp, the product name 'Old Lamp', the price '₹ 200.0', a description 'Fairly good condition, working, very good.', the seller's username 'rishabh', the product category 'Electronics', and three action buttons: 'EDIT AD', 'DELETE', and 'Mark as Sold and Delete'.



If you click on the Buy Now button from either home page or buy page, you are brought to this page, where you can find more information about the product and the seller.

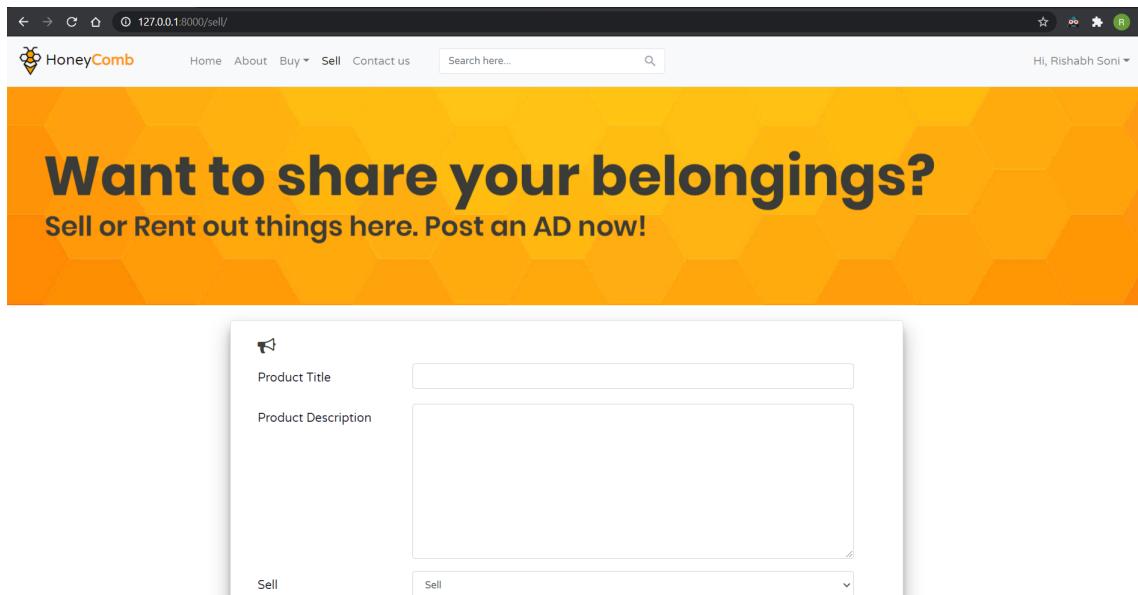
Seller Profile

When you click on a seller's name, you are redirected to the seller's profile page where all of his posted ads and some information is shown.



A screenshot of a web browser showing a seller's profile on HoneyComb. The URL is 127.0.0.1:8000/profile/seller/rishabh. The page features a sidebar with the user's profile picture, name (Rishabh Soni), and contact information (Username: rishabh, Email Address: abc@xyz.com). The main content area is titled "Posted Ads" and lists two items: "Old Lamp" (₹ 200.0) and "CS 203 Notes" (₹ 0.0). Each listing includes a description, product category, and a "VIEW PRODUCT" button. To the right of each listing is a small thumbnail image of the item.

Sell Page



A screenshot of a web browser showing the "Sell" page on HoneyComb. The URL is 127.0.0.1:8000/sell/. The page has a yellow hexagonal background pattern. The main heading is "Want to share your belongings? Sell or Rent out things here. Post an AD now!". Below this, there is a form for posting a new ad. The form includes fields for "Product Title" (with a placeholder input box), "Product Description" (with a larger text area), and "Sell" buttons. The "Sell" button is currently active, indicated by a dropdown menu.

If you wish to put up an AD for a product, you can head up to this page. Fill some details like product title, description, price etc. and you are good to go.

Buy Page

The screenshot shows the HoneyComb website's buy page. At the top, there is a navigation bar with links for Home, About, Buy (with a dropdown arrow), Sell, Contact us, and a search bar. A user profile 'Hi, Rishabh Soni' is also visible. Below the header, a main banner features the text 'HoneyComb' and 'Setting up your room is now easy!' followed by a cartoon illustration of two people in a dorm room. A 'Browse Products' button is located below the banner. To the left, a sidebar lists categories under 'CATEGORY' such as ALL CATEGORIES, BOOKS/NOTES, HOUSEHOLD, ELECTRONICS, STATIONERY/EQUIPMENTS, SPORTS, FITNESS AND OUTDOORS, and OTHERS. To the right, there are three sections: 'FEATURED ITEMS' showing speakers, a lamp, and notes; 'RECOMMENDED ITEMS' showing a metal bucket, an electric kettle, and a mattress; and a 'RECOMMENDED ITEMS' slider at the bottom showing a metal bucket, an electric kettle, and a mattress.

Category: ALL CATEGORIES, BOOKS/NOTES, HOUSEHOLD, ELECTRONICS, STATIONERY/EQUIPMENTS, SPORTS, FITNESS AND OUTDOORS, OTHERS

FEATURED ITEMS

- Speakers: ₹1000.0 | Buy now | Add to wishlist
- Old Lamp: ₹200.0 | Buy now | Add to wishlist
- CS 203 Notes: ₹0.0 | Buy now | Add to wishlist

RECOMMENDED ITEMS

- Metal Bucket: ₹100.0 | Buy Now | Add to wishlist
- Electric Kettle: ₹500.0 | Buy Now | Add to wishlist
- Relaxwell Mattress: ₹1000.0 | Buy Now | Add to wishlist

This page lists all the ads of the products listed by the sellers. You can see all the products at once under the 'all categories' label or can filter the products based on their categories. Also, the recommended items slider at the bottom of the page lists the most recently posted ads.

Contact Us Page

127.0.0.1:8000/contact-us/

HoneyComb Home About Buy Sell Contact us Search here... Hi, Rishabh Soni

CONTACT US



IIT Indore
Khandwa Rd, Simrol, Madhya Pradesh 453552
4.5 ★★★★☆ 307 reviews
View larger map

Directions

Pandit ji kirana store
IIT Indore Security Gate
IIT Indore Faculty Housing
Helpad IIT Indore
Hydrogen building
Satguru Fuels
IIT Indore Gate 2 Rd
Forest Campus
National Bank

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GET IN TOUCH

Name Email

Subject

Your Message Here

Submit

CONTACT INFO

HoneyComb
Khandwa road,Simrol
Indore,M.P INDIA
Mobile: 9999999999
Email: honeycomb.iti@gmail.com

SOCIAL NETWORKING

f t g+ Y

If you need to provide any valuable feedback or suggestions, you can fill up a small form, and we, the developers will be notified about that.

Very Good Experience with HoneyComb

 honeycomb.iti@gmail.com
to me ▾

17:30 (1 hour ago) ☆ ↶ ⋮

Abhishek Singh with the email, abc@xyz.com, sent the following message:

Good website, keep going.

 Reply

 Forward

Search Page

127.0.0.1:8000/buy/search/

HoneyComb Home About Buy Sell Contact us Search here... Hi, Rishabh Soni

CATEGORY 4 SEARCH RESULTS FOR "BOOK"

ALL CATEGORIES BOOKS/NOTES HOUSEHOLD ELECTRONICS STATIONERY/EQUIPMENTS SPORTS, FITNESS AND OUTDOORS OTHERS

₹0.0 CS 203 Notes Buy Now

₹50.0 HC Verma Buy Now

₹0.0 Metallurgy Notes Buy Now

₹0.0 APJ Abdul Kalam WINGS OF FIRE An Autobiography Buy Now

127.0.0.1:8000/buy/search/

HoneyComb Home About Buy Sell Contact us Search here... Hi, Rishabh Soni

No search results found for "abcd"
Please check the spelling or try searching for something else

HoneyComb

About Us
More Info
Contact Us

Quick Links
Home
About
Contact Us

Follow Us
f i

You can search for the products in the search bar in the header. If the keyword provided is found in any product's name/description/category then those products will be displayed on this page.

Wishlist Page

The screenshot shows a web browser window for the HoneyComb platform. The URL is 127.0.0.1:8000/wishlist/. The page has a header with the HoneyComb logo, navigation links (Home, About, Buy, Sell, Contact us), a search bar, and a user profile section (Hi, Rishabh Soni). On the left, there's a sidebar with icons for Your Profile, Your Wishlist (highlighted in grey), Your Orders, and Your ADS. The main content area displays two products:

- Electric Kettle**: Price ₹ 500.0. Description: In working condition. Seller Username: rishabh. Buttons: BUY NOW (orange) and DELETE (red).
- Wall clock**: Price ₹ 500.0. Description: nice condition. Seller Username: rishabh. Buttons: BUY NOW (orange) and DELETE (red).

This page displays the products wishlisted by you at a single place.

Your ADS Page

The screenshot shows a web browser window for the HoneyComb platform. The URL is 127.0.0.1:8000/yourads/. The page has a header with the HoneyComb logo, navigation links (Home, About, Buy, Sell, Contact us), a search bar, and a user profile section (Hi, Rishabh Soni). On the left, there's a sidebar with icons for Your Profile, Your Wishlist, Your Orders, and Your ADS (highlighted in grey). The main content area displays two ads:

- Speakers**: Price ₹ 1000.0. Description: Good Condition. Product Category: Electronics. Buttons: EDIT AD (orange) and DELETE (red). An option to "Mark as Sold and Delete" is also present.
- Old Lamp**: Price ₹ 200.0. Description: Fairly good condition, working, very good. Product Category: Electronics. Buttons: EDIT AD (orange) and DELETE (red). A small image of the lamp is shown.

On this page, you can see all the ads posted by you till date. You can also edit or delete the products. If the product is sold, you can also mark it as sold after selecting the user who bought the product.

The screenshot shows a web application interface for managing ads. On the left, there's a sidebar titled "Your ADs" with two items listed: "Speakers" (₹ 1000.0) and "Old Lamp" (₹ 200.0). Each item has edit and delete buttons. The "Speakers" item also has a "Mark as Sold and Delete" option. A modal window is open over the main content, featuring a yellow header with a shopping cart icon and the text "Select the user who bought this product:". Inside the modal is a dropdown menu containing the name "rishabh". At the bottom are two buttons: "Mark as sold" (in yellow) and "Go Back →".

Edit AD Page

The screenshot shows the "Edit AD" page for the "Speakers" ad. The form contains the following fields:

- Name: Speakers
- Edit Description: Good Condition.
- Sell: Sell
- Selling/Rental Price: 1000.0
- Category: Electronics

At the bottom of the form are "Cancel" and "Edit AD" buttons. The background shows the same sidebar and list of ads as the previous screenshot.

If you wish to edit any posted AD, you can do so by clicking on the edit AD button.

Your Orders Page

The screenshot shows a web browser window for the 'HoneyComb' platform at the URL 127.0.0.1:8000/yourorders/. The page is titled 'Your Orders Page'. On the left, there is a sidebar with icons for 'Your Profile', 'Your Wishlist', 'Your Orders', and 'Your Ads'. The main content area displays two products:

- HC Verma**: Price: ₹ 50.0. Description: The book is of no use for me now, might be of some help for someone. Product Category: Books/Notes. A thumbnail image of the book cover is shown.
- The Alchemist**: Price: ₹ 50.0. Description: A must read. Product Category: Books/Notes. A thumbnail image of the book cover is shown.

At the top right, it says 'Hi, Rishabh Soni'.

All the products bought/rented by you are displayed here. You can see order details by clicking the details button.

Profile Page

The screenshot shows a web browser window for the 'HoneyComb' platform at the URL 127.0.0.1:8000/profile/. The page is titled 'Profile Page'. On the left, there is a sidebar with a user icon and the name 'Rishabh Soni'. Below that are sections for 'Username' (rishabh), 'Mobile Number' (8824222286), and 'Email Address' (rishabh.rs.001@gmail.com). The main content area has an 'EDIT' button at the top. It is divided into two sections:

- General**: Fields for 'Full name' (Rishabh Soni), 'Email' (rishabh.rs.001@gmail.com), and 'Phone no' (8824222286). Buttons for 'Cancel' and 'Save Changes' are at the bottom.
- Login and Security**: Fields for 'Old password' and 'New password'. A note below states: "Your password can't be too similar to your other personal information. Your password must contain at least 8 characters. Your password can't be a commonly used password. Your password can't be entirely numeric." There is also a 'New password confirmation' field and 'Cancel'/'Save Changes' buttons.

Here you can view and edit your profile details.
