ECO-CYCLE WEBSITE

PROJECT REPORT

Submitted by

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Class Assessment 3 (CA3)

of

Semester-1

BRANCH OF STUDY

BTECH- COMPUTER SCIENCE AND ENGINEERING

Lovely Professional University, Punjab

ENROLLMENT NUMBER

12410444

Section: K24LF Roll No.: 32 Date: 15.11.2024

Table of Contents

Chapter 1. Introduction

Chapter 2. Technologies used

Chapter 3. Work Flow Diagram

Chapter 4. Working of Project

Chapter 5. Snippets of Written Code

Chapter 6. Webpages Screenshot

References

Github Repository link:-

https://vennela2128.github.io/Eco-Cycle.github.io/

INTRODUCTION

Welcome to **Plastic Recycling Hub**, your partner in transforming plastic waste into valuable resources and promoting a cleaner environment. Our platform simplifies plastic recycling by allowing individuals and businesses to sell their plastic waste for fair rewards, reducing pollution, and promoting a healthier ecosystem. We utilize advanced recycling techniques to convert plastics into new, eco-friendly products that benefit society and decrease reliance on virgin materials. By adopting a circular economy model, we extend the lifecycle of plastics through repurposing and reuse. In addition, we provide educational resources on plastic's environmental effects, the benefits of recycling, and practical ways to minimize plastic use in daily life. Our incentive program encourages users to participate actively in recycling, fostering broader community involvement. We engage with local communities, businesses, and environmental organizations to maximize our collective impact. Our user-friendly website makes it easy for participants to join, track their recycling efforts, and manage their rewards. Committed to a greener future, every piece of plastic recycled with us contributes to a cleaner and healthier world for future generations. Join **Plastic Recycling Hub** today and be part of the movement reshaping the future of plastic, turning waste into opportunity and paving the way for sustainable living, one piece at a time. Together, we can make a significant difference in reducing plastic pollution and building a more sustainable planet for all.

TECHNOLOGIES USED

- **HTML;**- HTML file is of major importance in this case since it is the floor which a webpage releases. Hypertext Markup Language, often referred to HTML, is the programming documentation format used to chart the webpage information. HTML and CSS are the core element of construction of web sites around the world and they exist in normalized form as CSS handles the formatting and conduct of the site.

- **CSS:** -CSS (Cascading Style Sheets) is a language to be used for creating the style of the web page. The layout and appearance of a webpage can be changed by using CSS. We can also configure how a website's view is to look on a different type of display like desktops, laptops, tablets, and mobile phones. CSS is typically used with HTML in web applications and mobile app interfaces to sew user interactions together. CSS gets you the style you have in mind for your web pages by communicating directly with HTML elements through the use of syntax. The objects of an HTML text file are the HTML elements of web page.

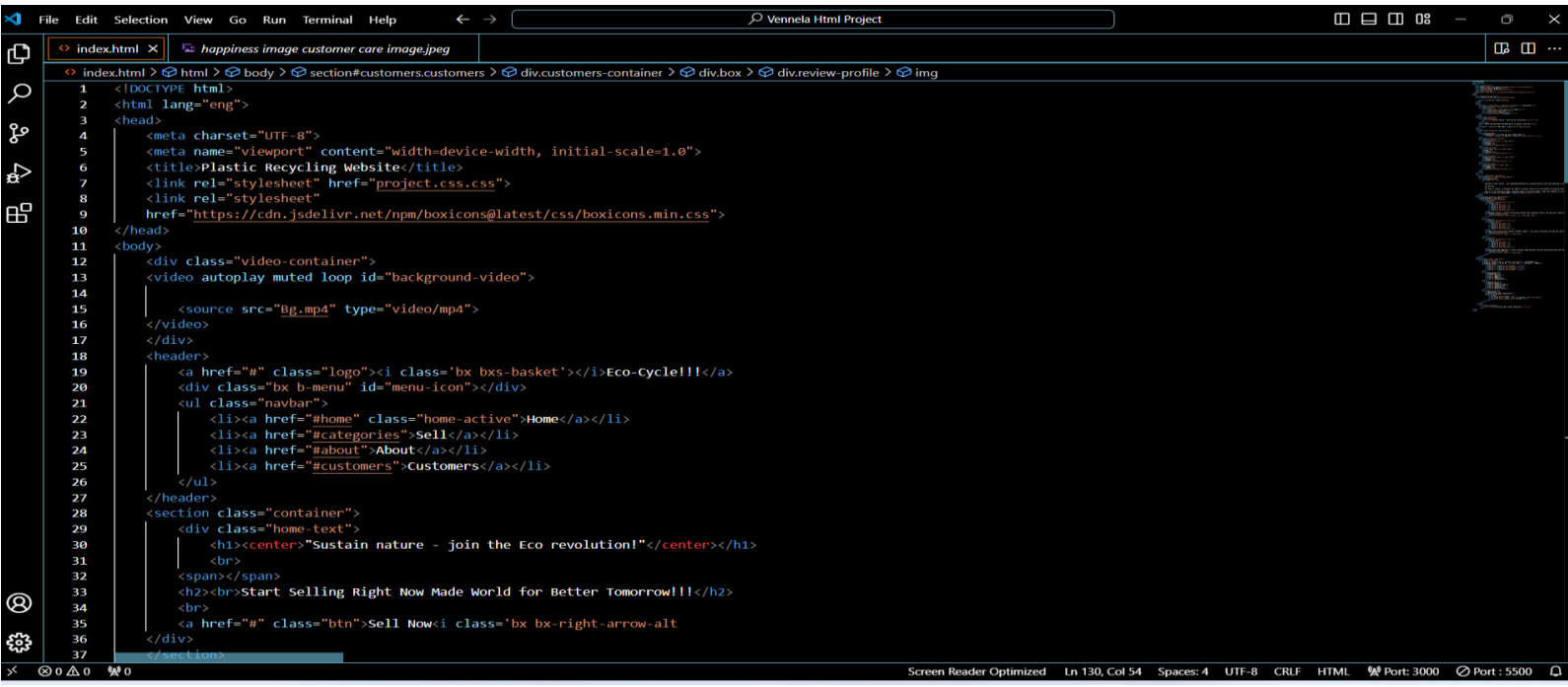
WORK FLOW AND WORKING OF PROJECT

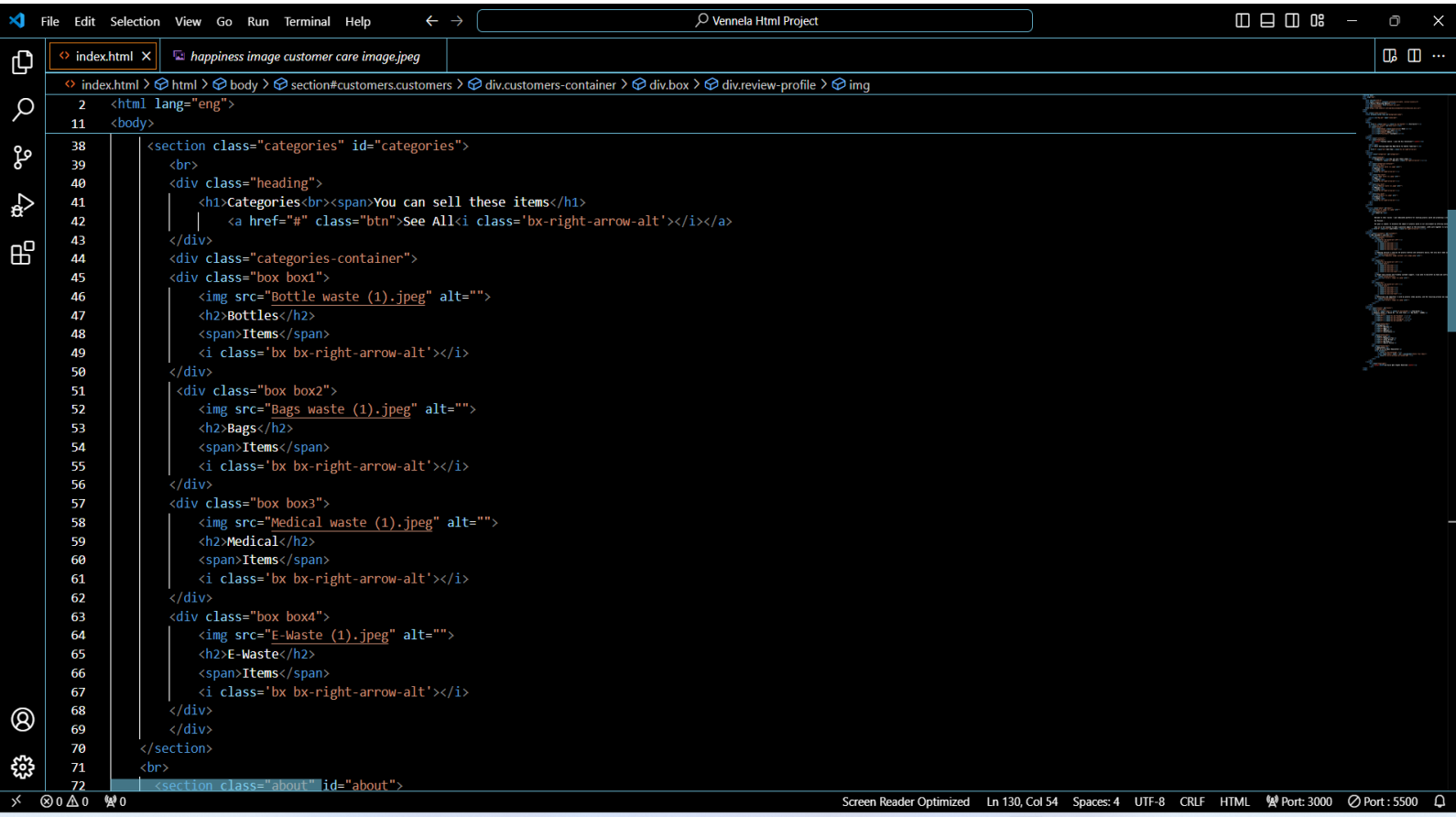
1. **Analysis**:- Firstly, better understand the website requirement creation, including website Design and Website looks and feels, the Web pages uses, website content and for suggestion and discussions, a proper space available on a web site for easily approachable.
2. **Specification: -**Predicated on Requisite, prepare a draft designation of Web pages to be developed include the sitemap and a flow of various process
3. **Design & Development: -**Invention and Development is a significant role plays in Web Development. Graphical looks and feel according to most impressive and efficient way, Graphical elements required for design are appearing more impressive, for this use color and image. Design of web pages, computer graphic includes navigation mock-up, template content and placeholders.
4. **Content Writing:-** Writing of contents is a significant part of development of web pages and plays an important and necessary step in optimization Engine, a well-defined or easy content is utterly necessary to fall in internet site users. Content written by a more professional requires more pure, easy and accurate content.
5. **Coding:-** Coding start of a Web Pages in CSS, HTML, and other technologies of WWW (world wide web), for drawing of the graphic and text contents, we look code of web page consistently like as webpage design. Coding of a web page is loading fastly search engine and index give us rank very quickly. Every web page of a website takes a unique title, unique meta tags as keywords and descriptions. We can create links of internal with keywords of website to explore the search engine ranking and navigation.
6. **Testing:-** Testing as well play an important role in website development, testing is done for browser compatibility, broken links and can check the speed of loading pages, and loading speed of images. We can also check validation of HTML code, validation of CSS, checking of spelling and build alterations to rectification of mistakes and can perform test of functional on processes of websites like payment, registration, etc., these checks as per requirement.

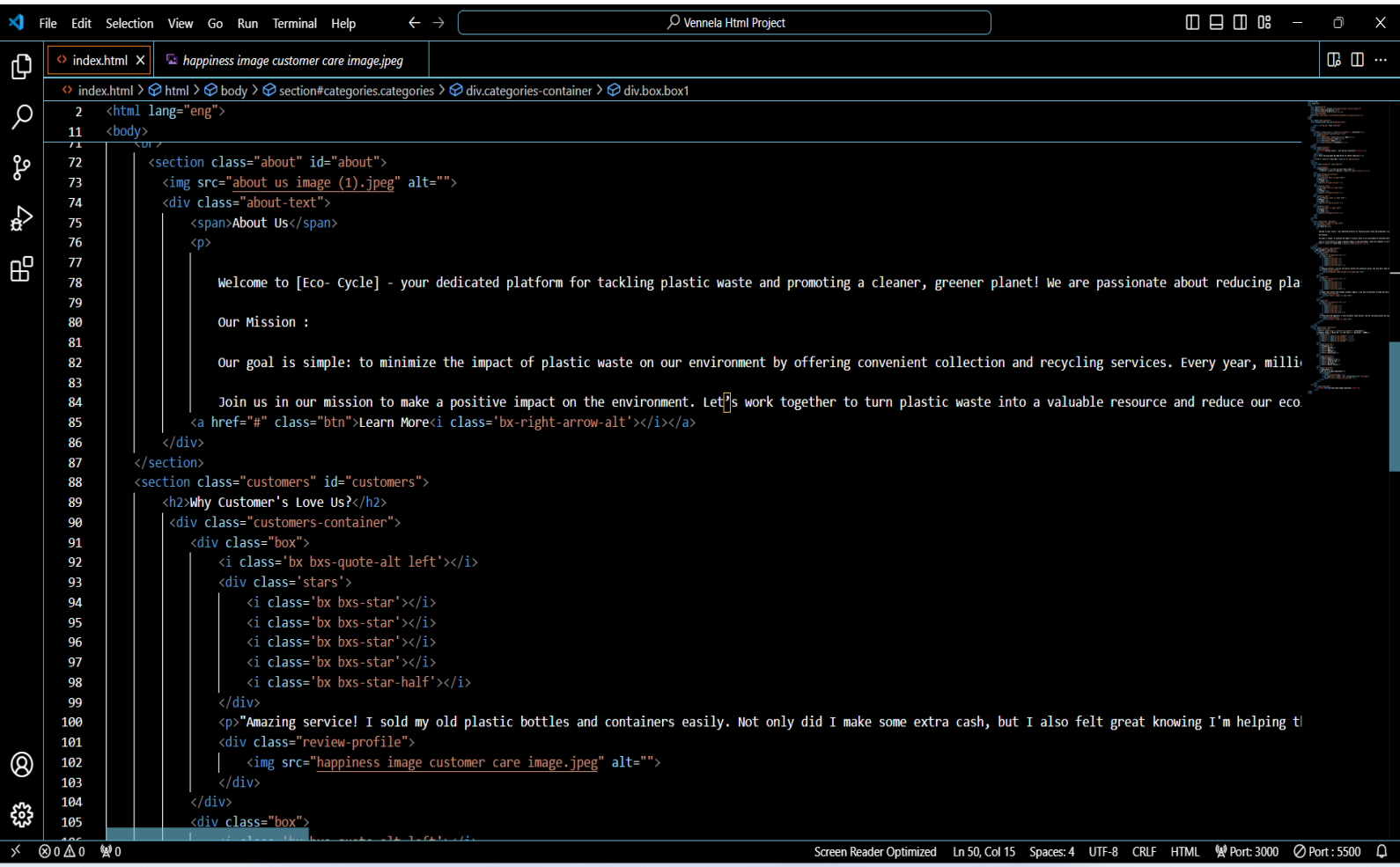
7. **Actual Implementation:-** In our project we created a recycle management website which having the complete information of items and their services. This Website which is develop with some ideas and portability purpose that may help some fresher to look around it and may show some interest against the nature eco-friendly management by doing some enquiry through these website. Here the data is arranged properly by which its updating will be easier in future as the requirement or demand increase towards the website. It contains updated and useful for data for the waste management. We have used platform html, css for our platform management. There are 4 modules in our project:-

- First module is home module. In that home module we have given the Eco-cycle name and Photos of platform. When the customer opens website it will open the home page.
- Second module is About Sell in this module we give the details of types of items can sell in website
- Third module is About the website and the platform for those people who researches about our platform.
- Fourth module is our sincere customer reviews on our platform which they were geeting the benefits in a sustainable environment.

CODE SNIPPEST






File Edit Selection View Go Run Terminal Help
Vennela Html Project
index.html
happiness image customer care image.jpeg
index.html > html > body > section#categories.categories > div.categories-container > div.box.box1
<html lang="eng">
<body>
<section class="about" id="about">
<img src="about_us_image_(1).jpeg" alt="">

About Us

Welcome to [Eco- Cycle] - your dedicated platform for tackling plastic waste and promoting a cleaner, greener planet! We are passionate about reducing pla
Our Mission :
Our goal is simple: to minimize the impact of plastic waste on our environment by offering convenient collection and recycling services. Every year, milli
Join us in our mission to make a positive impact on the environment. Let's work together to turn plastic waste into a valuable resource and reduce our eco
<a href="#" class="btn">Learn More</a>

</section>
<section class="customers" id="customers">
<h2>Why Customer's Love Us?</h2>

"Amazing service! I sold my old plastic bottles and containers easily. Not only did I make some extra cash, but I also felt great knowing I'm helping t

<img src="happiness image customer care image.jpeg" alt="">

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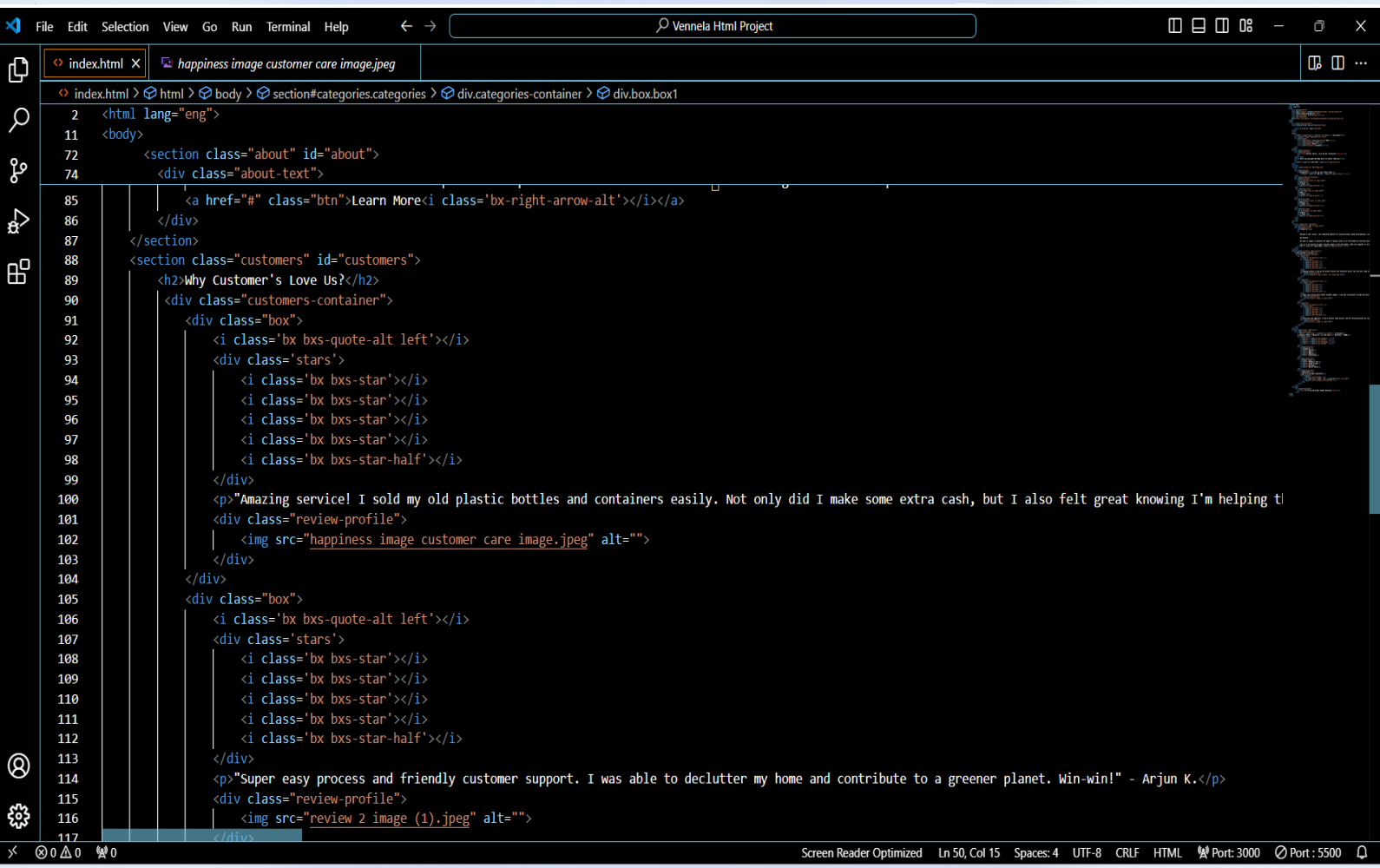
Port : 5500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</section>
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"Amazing service! I sold my old plastic bottles and containers easily. Not only did I make some extra cash, but I also felt great knowing I'm helping t

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"Super easy process and friendly customer support. I was able to declutter my home and contribute to a greener planet. Win-win!" - Arjun K.

<img src="review_2_image_(1).jpeg" alt="">
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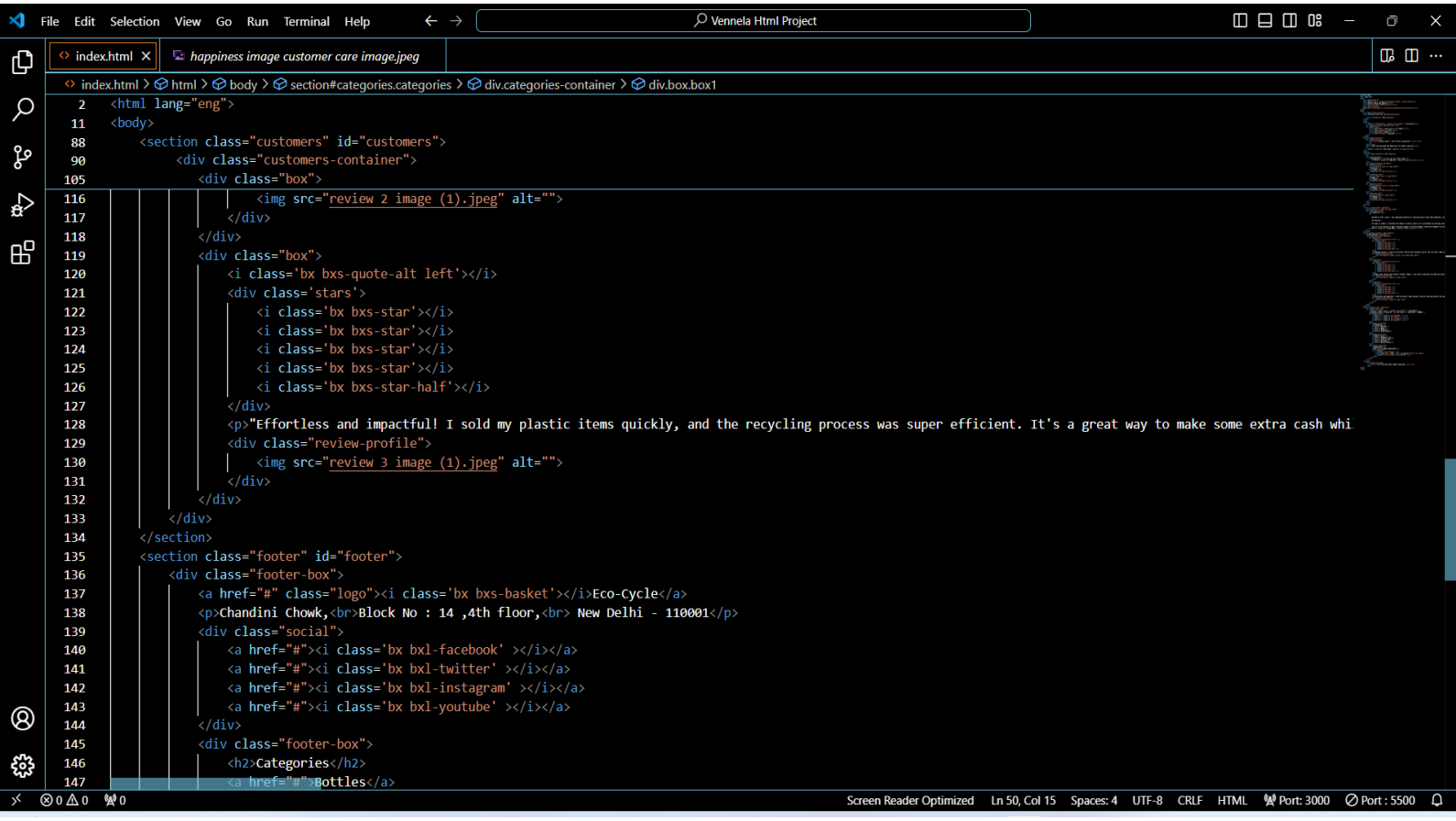
Port: 3000
Port : 5500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Vennela Html Project
index.html
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index.html > html > body > section#categories.categories > div.categories-container > div.box.box1
<html lang="eng">
<body>
<section class="customers" id="customers">

<img src="review 2 image (1).jpeg" alt="">

"Effortless and impactful! I sold my plastic items quickly, and the recycling process was super efficient. It's a great way to make some extra cash whi

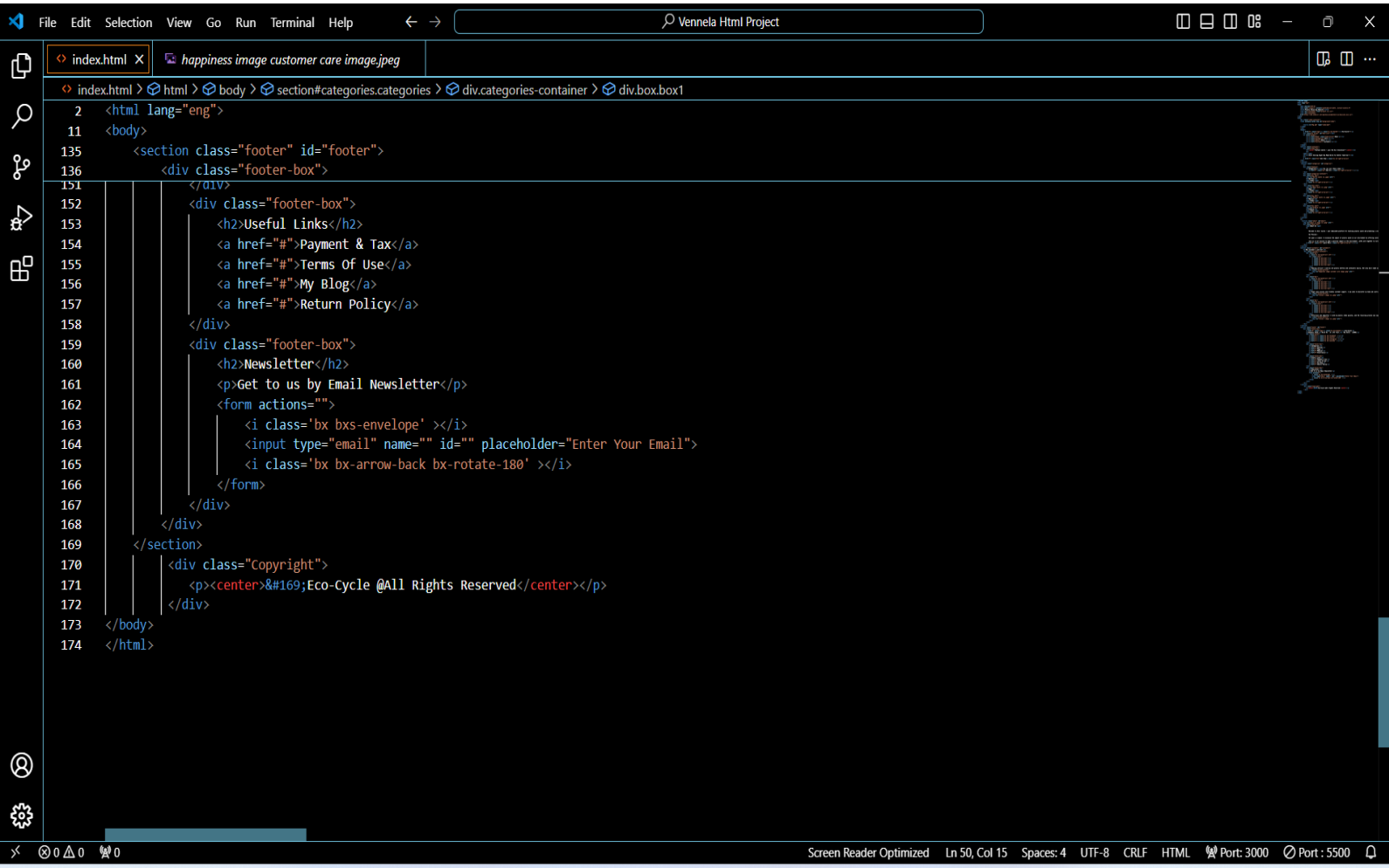
<img src="review 3 image (1).jpeg" alt="">

</section>
<section class="footer" id="footer">

<a href="#" class="logo">Eco-Cycle</a>
Chandini Chowk,
Block No : 14 ,4th floor,
 New Delhi - 110001

<a href="#"></a>
<a href="#"></a>
<a href="#"></a>
<a href="#"></a>

<h2>Categories</h2>
<a href="#">Bottles</a>
Screen Reader Optimized Ln 50, Col 15 Spaces: 4 UTF-8 CRLF HTML Port: 3000 Port : 5500


File Edit Selection View Go Run Terminal Help
Vennela Html Project
index.html
happiness image customer care image.jpeg
index.html > html > body > section#categories.categories > div.categories-container > div.box.box1
<html lang="eng">
<body>
<section class="footer" id="footer">

<h2>Useful Links</h2>
<a href="#">Payment & Tax</a>
<a href="#">Terms Of Use</a>
<a href="#">My Blog</a>
<a href="#">Return Policy</a>

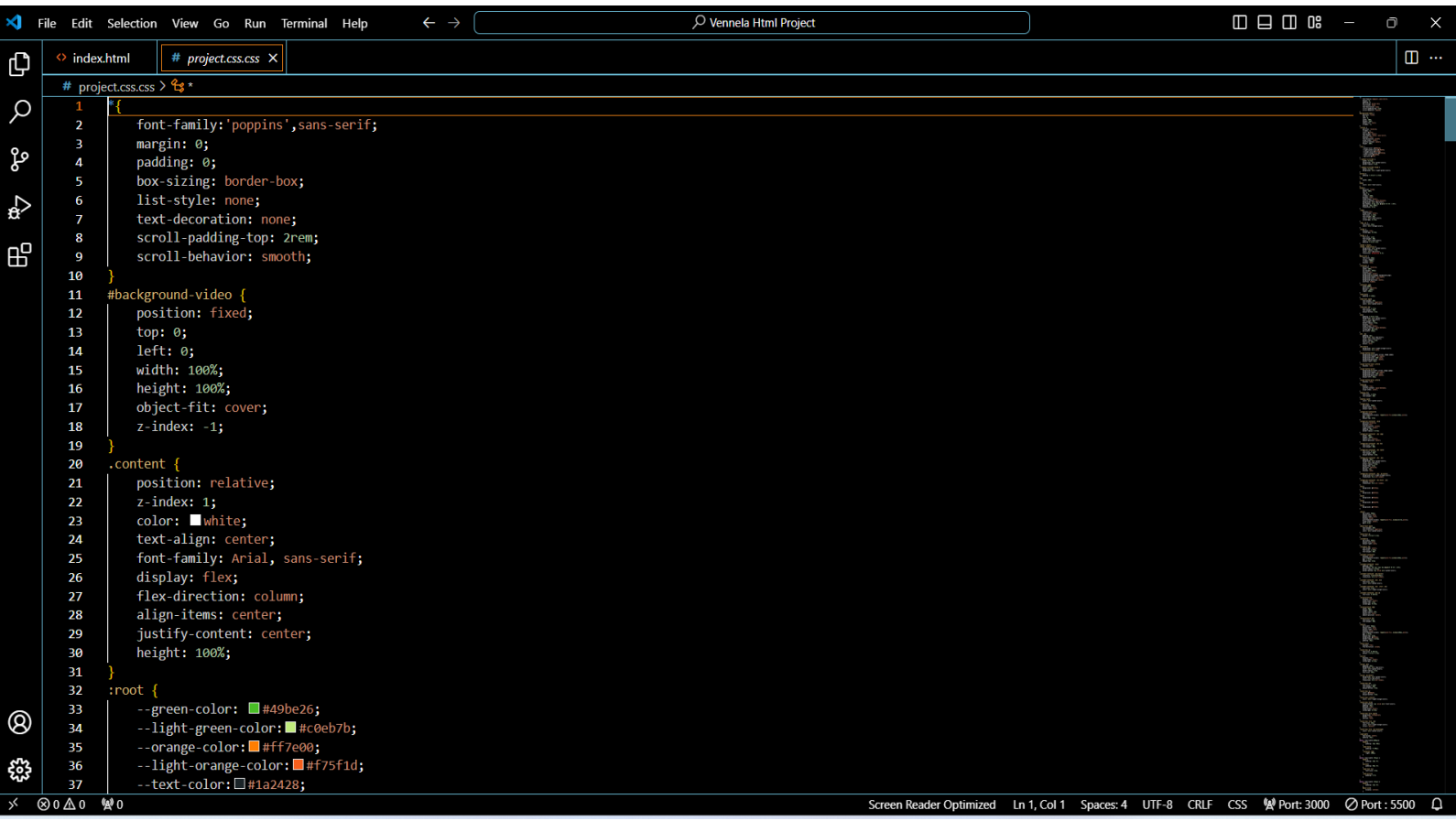
<h2>Newsletter</h2>
Get to us by Email Newsletter
<form actions="">

<input type="email" name="" id="" placeholder="Enter Your Email">

</form>

</section>

©Eco-Cycle @All Rights Reserved
</body>
</html>
Screen Reader Optimized Ln 50, Col 15 Spaces: 4 UTF-8 CRLF HTML Port: 3000 Port : 5500


File Edit Selection View Go Run Terminal Help
Vennela Html Project
index.html
project.css.css
project.css.css
*{
font-family:'poppins',sans-serif;
margin: 0;
padding: 0;
box-sizing: border-box;
list-style: none;
text-decoration: none;
scroll-padding-top: 2rem;
scroll-behavior: smooth;
}
#background-video {
position: fixed;
top: 0;
left: 0;
width: 100%;
height: 100%;
object-fit: cover;
z-index: -1;
}
.content {
position: relative;
z-index: 1;
color: white;
text-align: center;
font-family: Arial, sans-serif;
display: flex;
flex-direction: column;
align-items: center;
justify-content: center;
height: 100%;
}
:root {
--green-color: #49be26;
--light-green-color:#c0eb7b;
--orange-color:#ff7e00;
--light-orange-color:#f75f1d;
--text-color:#1a2428;
Screen Reader Optimized
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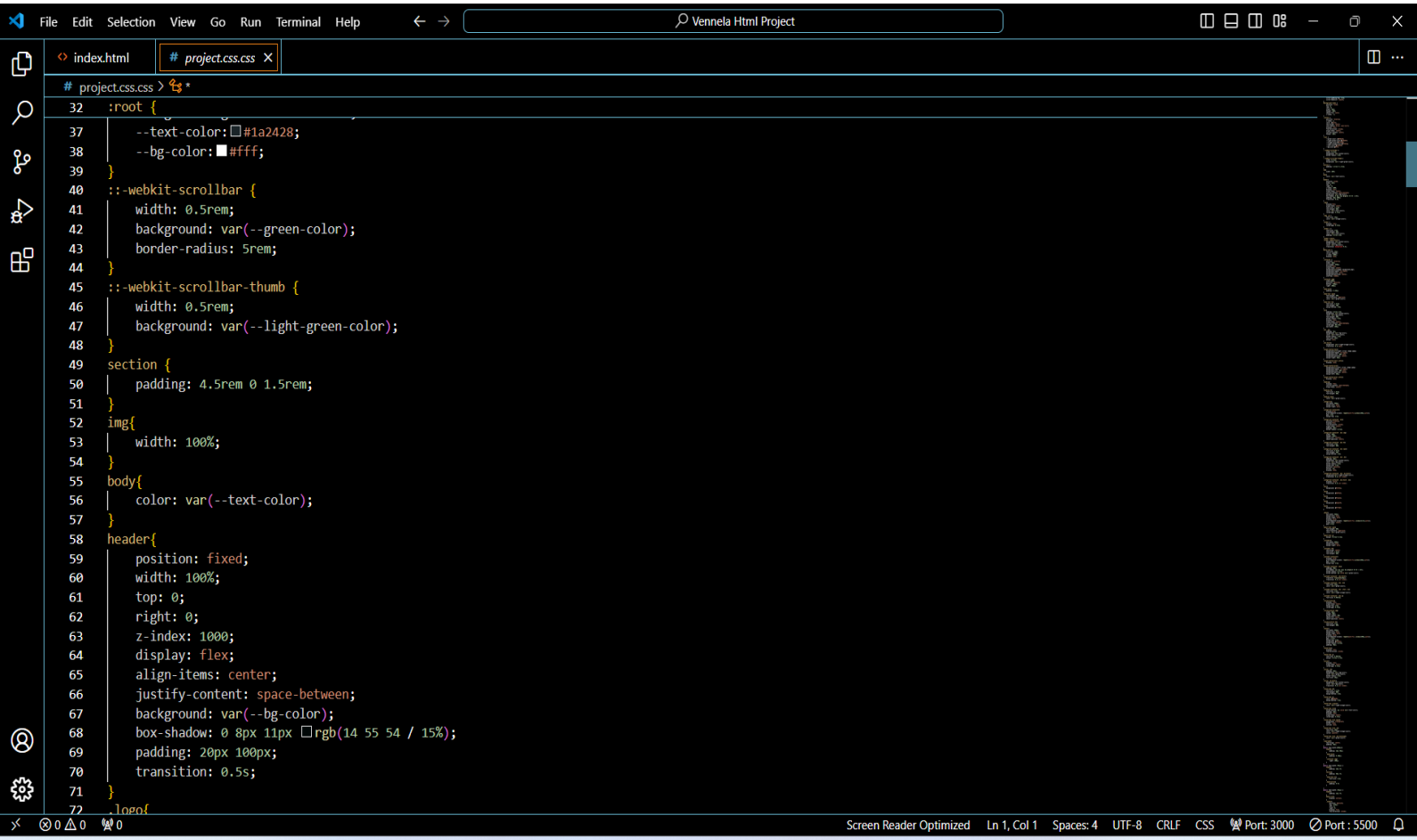
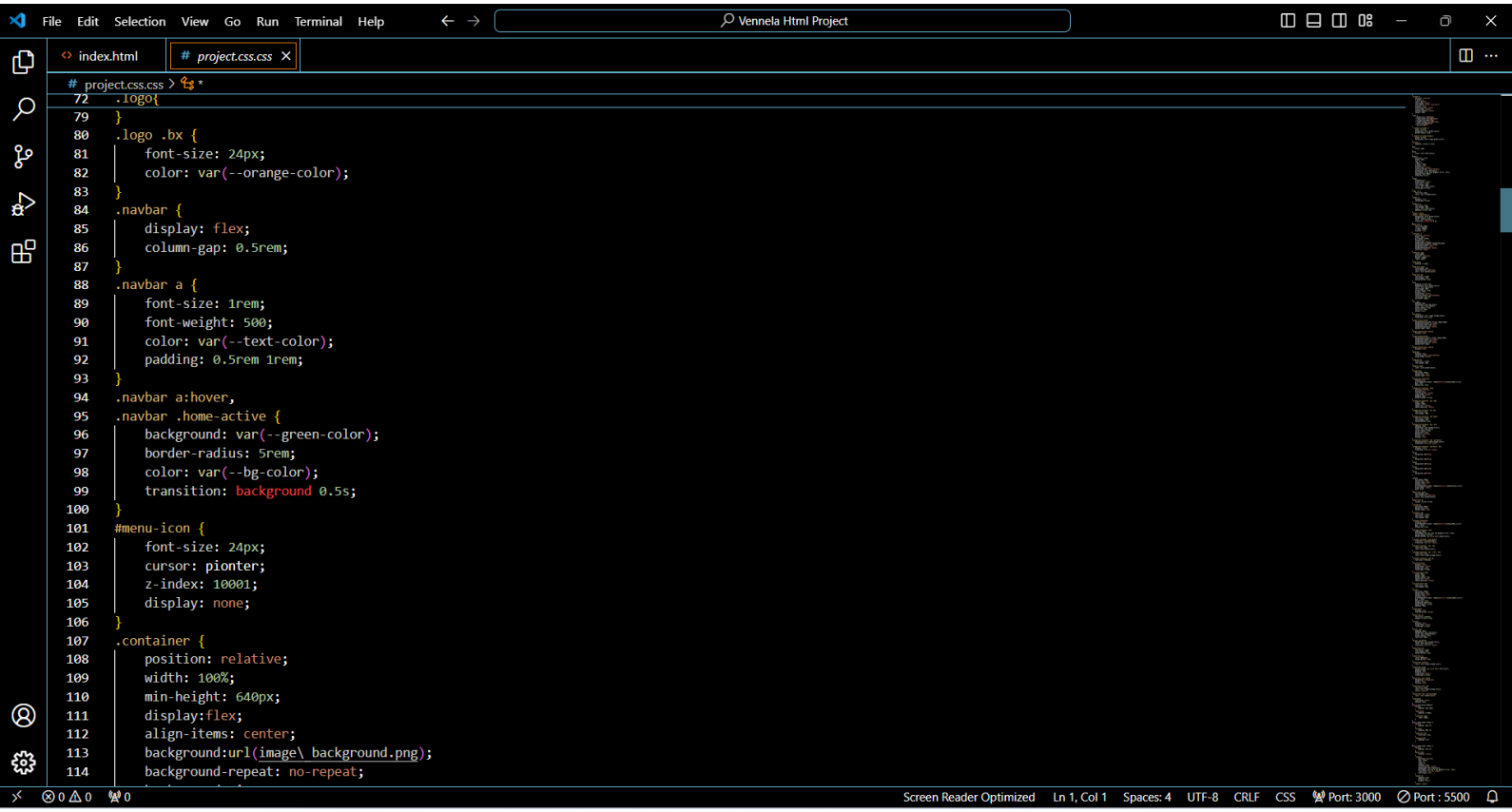
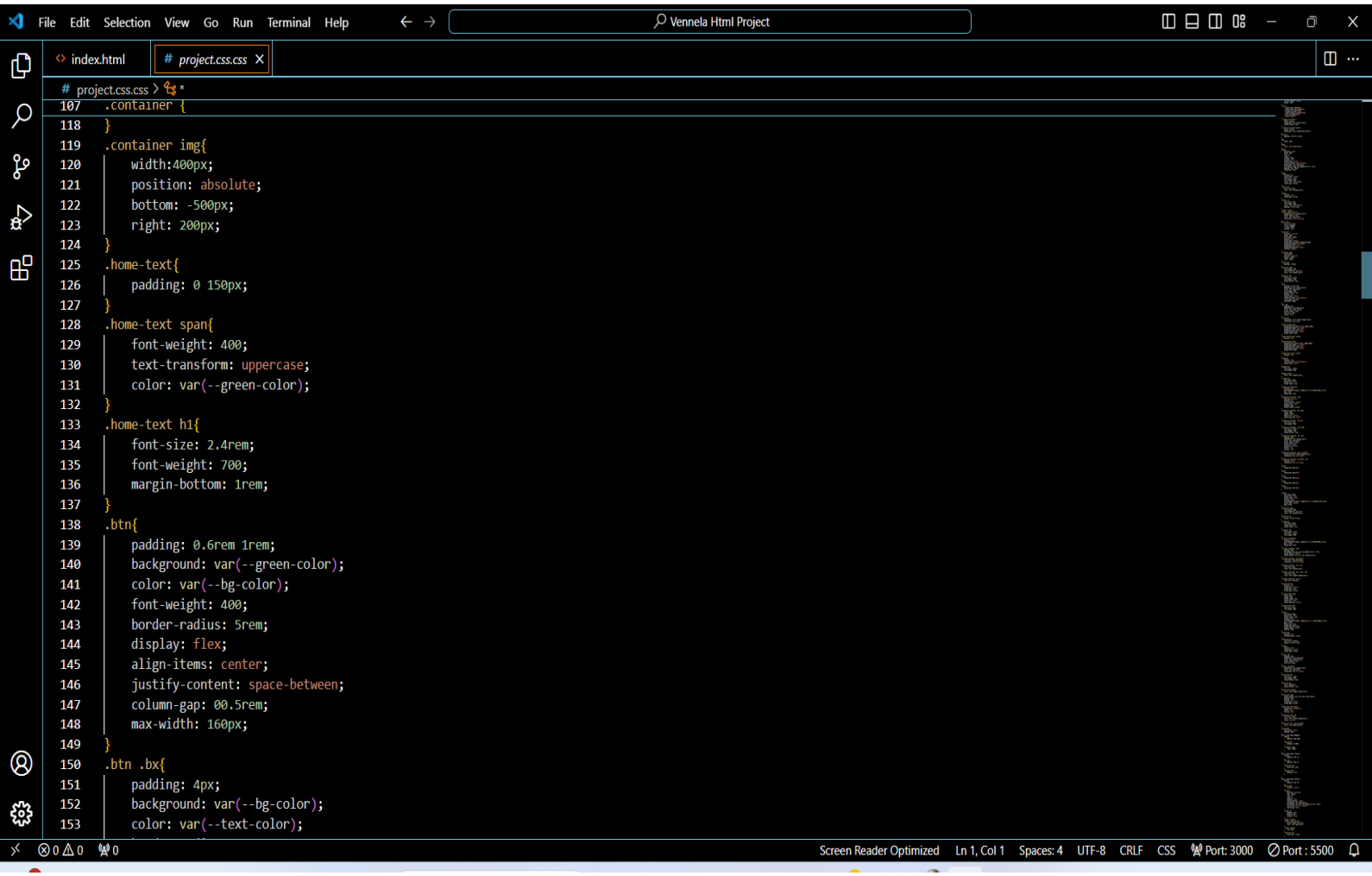
Spaces: 4
UTF-8
CRLF
CSS
Port: 3000
Port : 5500


File Edit Selection View Go Run Terminal Help
Vennela Html Project
index.html
project.css.css
project.css.css
:root {
--text-color:#1a2428;
--bg-color:#fff;
}
::-webkit-scrollbar {
width: 0.5rem;
background: var(--green-color);
border-radius: 5rem;
}
::-webkit-scrollbar-thumb {
width: 0.5rem;
background: var(--light-green-color);
}
section {
padding: 4.5rem 0 1.5rem;
}
img{
width: 100%;
}
body{
color: var(--text-color);
}
header{
position: fixed;
width: 100%;
top: 0;
right: 0;
z-index: 1000;
display: flex;
align-items: center;
justify-content: space-between;
background: var(--bg-color);
box-shadow: 0 8px 11px rgb(14 55 54 / 15%);
padding: 20px 100px;
transition: 0.5s;
}
.logo{
Screen Reader Optimized
Ln 1, Col 1
Spaces: 4
UTF-8
CRLF
CSS
Port: 3000
Port : 5500


File Edit Selection View Go Run Terminal Help
Vennela Html Project
index.html
project.css.css
project.css.css > *
72 .logo{
79 }
80 .logo .bx {
81 font-size: 24px;
82 color: var(--orange-color);
83 }
84 .navbar {
85 display: flex;
86 column-gap: 0.5rem;
87 }
88 .navbar a {
89 font-size: 1rem;
90 font-weight: 500;
91 color: var(--text-color);
92 padding: 0.5rem 1rem;
93 }
94 .navbar a:hover,
95 .navbar .home-active {
96 background: var(--green-color);
97 border-radius: 5rem;
98 color: var(--bg-color);
99 transition: background 0.5s;
100 }
101 #menu-icon {
102 font-size: 24px;
103 cursor: pionter;
104 z-index: 10001;
105 display: none;
106 }
107 .container {
108 position: relative;
109 width: 100%;
110 min-height: 640px;
111 display:flex;
112 align-items: center;
113 background:url(image\ background.png);
114 background-repeat: no-repeat;
Screen Reader Optimized Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS Port: 3000 Port : 5500


File Edit Selection View Go Run Terminal Help
Vennela Html Project
index.html
project.css.css
project.css.css > *
107 .container {
118 }
119 .container img{
120 width:400px;
121 position: absolute;
122 bottom: -500px;
123 right: 200px;
124 }
125 .home-text{
126 padding: 0 150px;
127 }
128 .home-text span{
129 font-weight: 400;
130 text-transform: uppercase;
131 color: var(--green-color);
132 }
133 .home-text h1{
134 font-size: 2.4rem;
135 font-weight: 700;
136 margin-bottom: 1rem;
137 }
138 .btn{
139 padding: 0.6rem 1rem;
140 background: var(--green-color);
141 color: var(--bg-color);
142 font-weight: 400;
143 border-radius: 5rem;
144 display: flex;
145 align-items: center;
146 justify-content: space-between;
147 column-gap: 00.5rem;
148 max-width: 160px;
149 }
150 .btn .bx{
151 padding: 4px;
152 background: var(--bg-color);
153 color: var(--text-color);
Screen Reader Optimized Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS Port: 3000 Port : 5500

File Edit Selection View Go Run Terminal Help — Vennela Html Project

index.html | project.css.css

project.css.css > *

```
149 }
150 .btn .bx{
151     padding: 4px;
152     background: var(--bg-color);
153     color: var(--text-color);
154     border-radius: 1rem;
155     font-size: 20px;
156     margin: auto;
157 }
158 .btn:hover{
159     background: var(--light-orange-color);
160     transition: 0.2s ease;
161 }
162 .swiper-button-next{
163     background:url(right\ arrow\ image.jpeg);
164     background-repeat: no-repeat;
165     background-size: 100% auto;
166     background-position: center;
167     margin-right: 20px;
168 }
169 .swiper-button-next::after{
170     display: none;
171 }
172 .swiper-button-prev{
173     background:url(left\ arrow\ image.jpeg);
174     background-repeat: no-repeat;
175     background-size: 100% auto;
176     background-position: center;
177     margin-left: 20px;
178 }
179 .swiper-button-prev::after{
180     display: none;
181 }
182 .heading{
183     display: flex;
184     justify-content: space-between;
```

Screen Reader Optimized | Ln 1, Col 1 | Spaces: 4 | UTF-8 | CRLF | CSS | Port: 3000 | Port : 5500

File Edit Selection View Go Run Terminal Help — Vennela Html Project

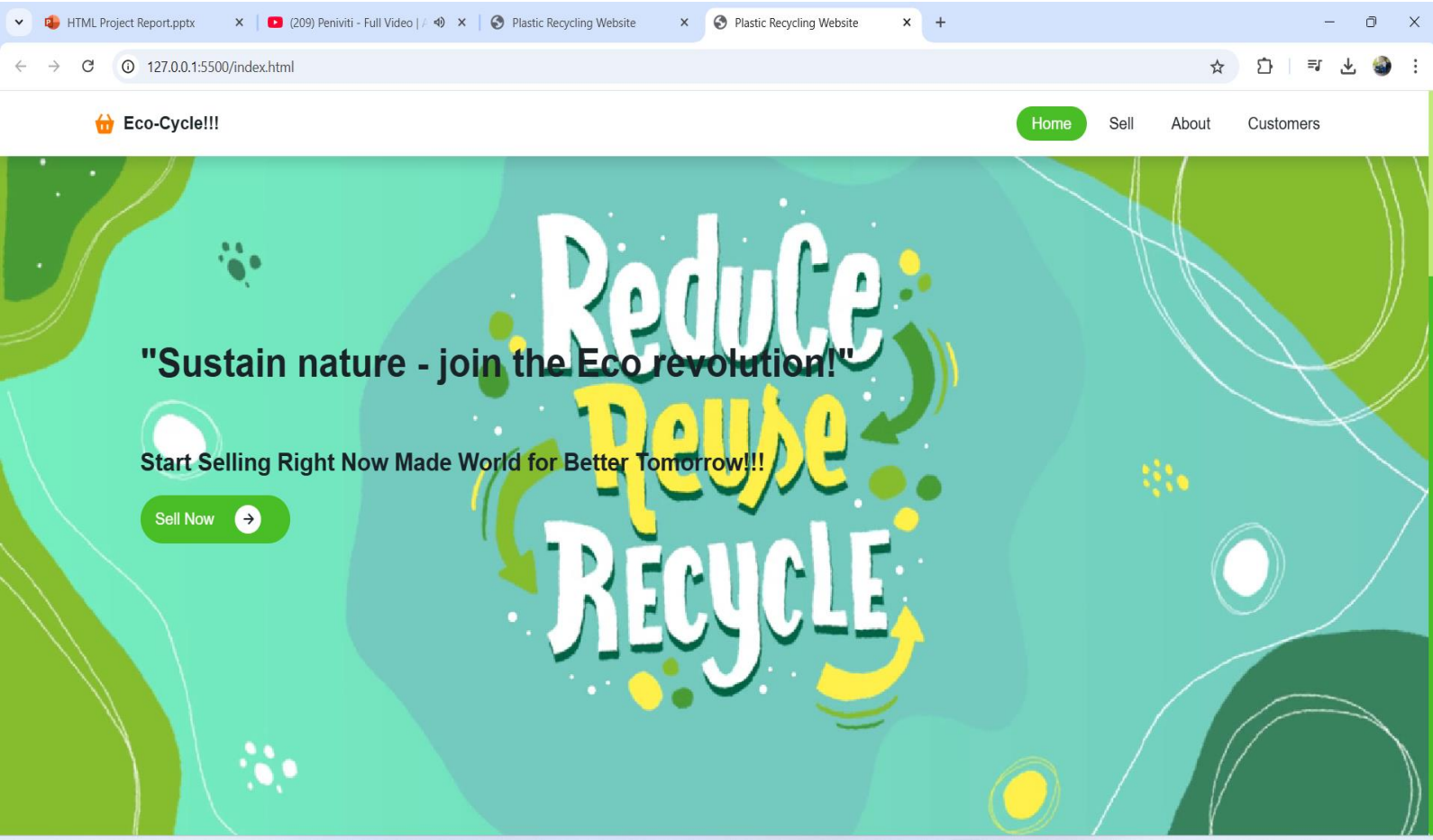
index.html | project.css.css

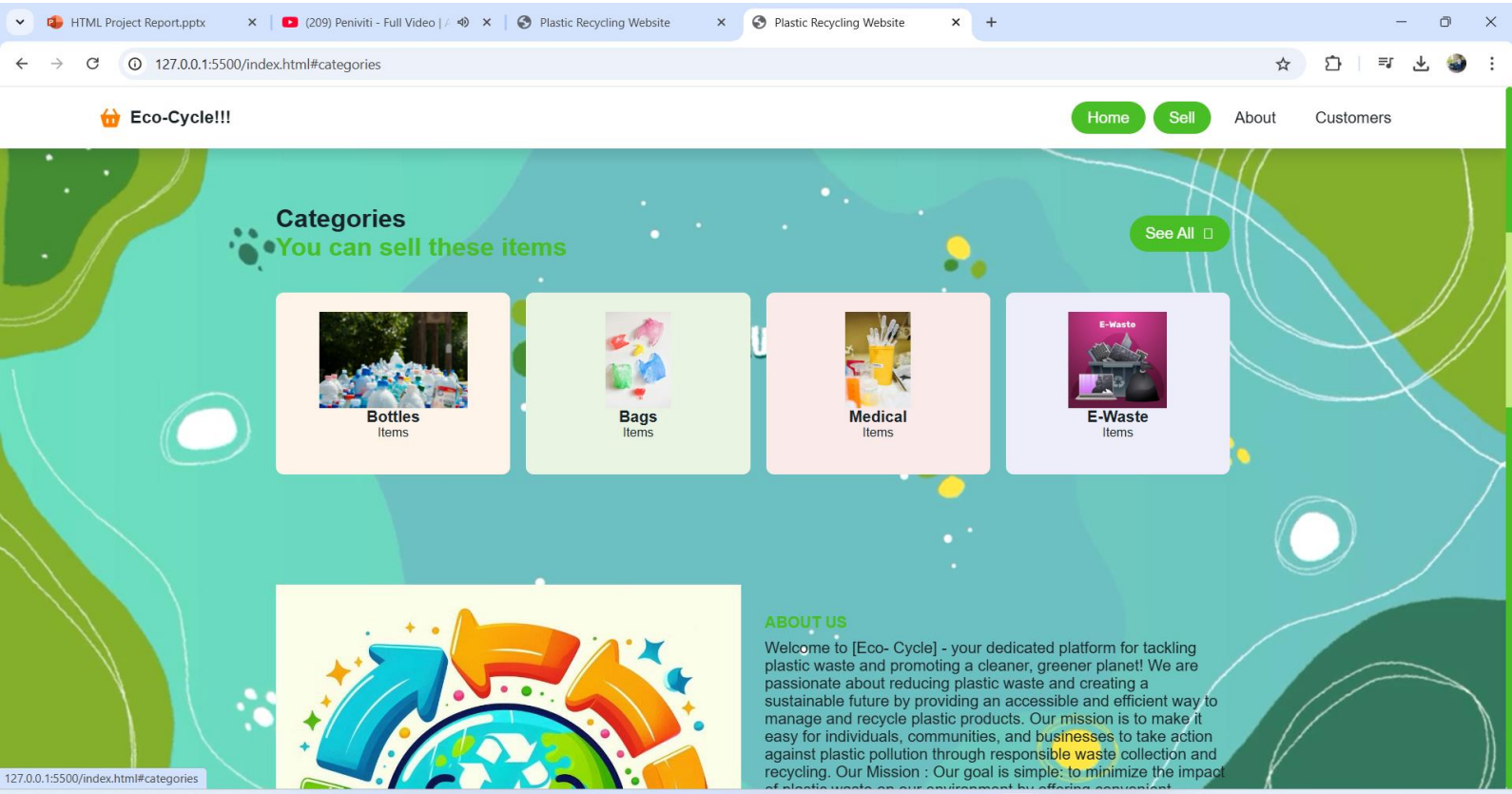
project.css.css > *

```
186 }
187 .heading h1{
188     font-size: 1.6rem;
189     font-weight: 600;
190 }
191 .heading span{
192     color: var(--green-color);
193 }
194 .categories{
195     max-width: 968px;
196     margin-left: auto;
197     margin-right: auto;
198 }
199 .categories-container{
200     display:grid;
201     grid-template-columns: repeat(auto-fit,minmax(180px,auto));
202     gap: 1rem;
203     margin-top: 2rem;
204 }
205 .categories-container .box{
206     position:relative;
207     display:flex;
208     flex-direction: column;
209     align-items: center;
210     padding: 20px;
211     border-radius: 0.5rem;
212 }
213 .categories-container .box img{
214     width: 100%;
215     height: 100px;
216     object-fit: contain;
217     object-position: center;
218 }
219 .categories-container .box h2{
220     font-size: 1rem;
221     font-weight: 600;
```

Screen Reader Optimized | Ln 1, Col 1 | Spaces: 4 | UTF-8 | CRLF | CSS | Port: 3000 | Port : 5500

WEBPAGE SCREENSHOT





HTML Project Report.pptx | (209) Peniviti - Full Video | Plastic Recycling Website | Plastic Recycling Website

127.0.0.1:5500/index.html#about

Eco-Cycle!!!

Home Sell About Customers

ABOUT US

Welcome to [Eco- Cycle] - your dedicated platform for tackling plastic waste and promoting a cleaner, greener planet! We are passionate about reducing plastic waste and creating a sustainable future by providing an accessible and efficient way to manage and recycle plastic products. Our mission is to make it easy for individuals, communities, and businesses to take action against plastic pollution through responsible waste collection and recycling. Our Mission : Our goal is simple: to minimize the impact of plastic waste on our environment by offering convenient collection and recycling services. Every year, millions of tons of plastic waste end up in landfills and oceans, threatening wildlife and contaminating our ecosystems. Through our platform, we aim to empower people to reduce their plastic footprint and contribute to a healthier world. Join us in our mission to make a positive impact on the environment. Let's work together to turn plastic waste into a valuable resource and reduce our ecological footprint. Thank you for supporting [Eco-Cycle] in the journey toward a sustainable future!

Learn More

Why Customer's Love Us?

127.0.0.1:5500/index.html#about

HTML Project Report.pptx | (209) Peniviti - Full Video | Plastic Recycling Website | Plastic Recycling Website

127.0.0.1:5500/index.html#customers

Eco-Cycle!!!

Home Sell About Customers

Why Customer's Love Us?

★★★★½

"Amazing service! I sold my old plastic bottles and containers easily. Not only did I make some extra cash, but I also felt great knowing I'm helping the environment. Highly recommend!" - Priya S.

★★★★½

"Super easy process and friendly customer support. I was able to declutter my home and contribute to a greener planet. Win-win!" - Arjun K.

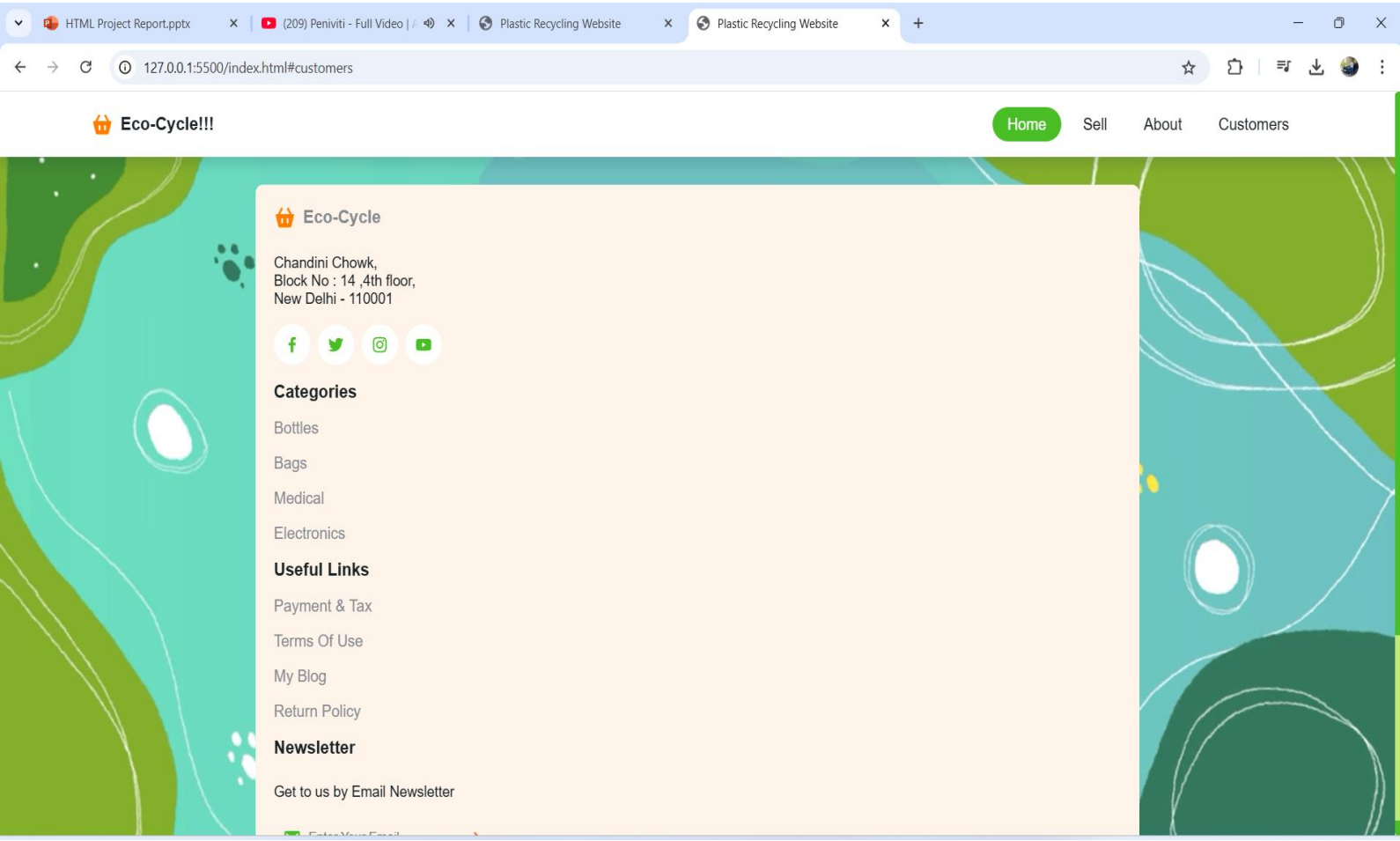
★★★★½

"Effortless and impactful! I sold my plastic items quickly, and the recycling process was super efficient. It's a great way to make some extra cash while doing something good for the planet." - Rajesh P.

Eco-Cycle

Chandini Chowk,

127.0.0.1:5500/index.html#customers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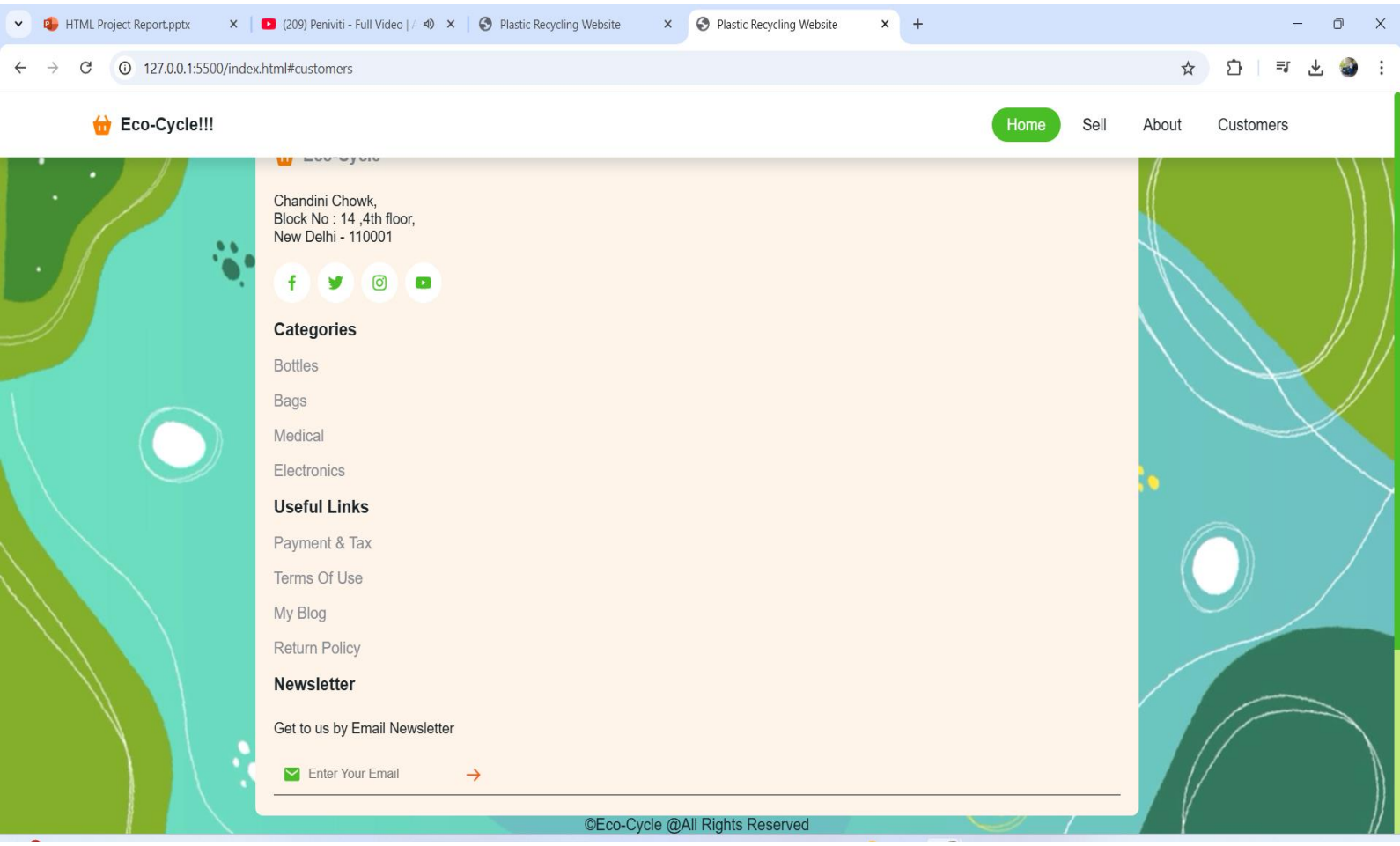
(209) Peniviti - Full Video |
Plastic Recycling Website
Plastic Recycling Website
127.0.0.1:5500/index.html#customers
Eco-Cycle!!!
Home
Sell
About
Customers
Eco-Cycle
Chandini Chowk,
Block No : 14 ,4th floor,
New Delhi - 110001
Categories
Bottles
Bags
Medical
Electronics
Useful Links
Payment & Tax
Terms Of Use
My Blog
Return Policy
Newsletter
Get to us by Email Newsletter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(209) Peniviti - Full Video |
Plastic Recycling Website
Plastic Recycling Website
127.0.0.1:5500/index.html#customers
Eco-Cycle!!!
Home
Sell
About
Customers
Chandini Chowk,
Block No : 14 ,4th floor,
New Delhi - 110001
Categories
Bottles
Bags
Medical
Electronics
Useful Links
Payment & Tax
Terms Of Use
My Blog
Return Policy
Newsletter
Get to us by Email Newsletter
Enter Your Email
©Eco-Cycle @All Rights Reserved

REFERENCES

- You tube
- Google
- W3school
- Github