

Mid-Term Report

: Shopping Web for Mobile Parts

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1. Brief Outline

This mid-term report outlines the progress including features completed and in progress, milestone, and prototype including source code and repository in GitHub.

2. Project Plan


















Until the mid-term stage, layout, display, and functions are implemented in major pages as follows.

- Main page
- Category page
- Register page
- Sign-in page
- Product details page
- Order processing page for checkout and cart

2.1. Milestones

The project is undertaken from the proposal documentation on 01/March/2021 for 12 weeks with the final presentation. The milestone table is shown in Table 2.1.

Table 2.1
Milestones with work breakdown structure

Stage	Key person	W1	W2	W3	W4	W5	W6	W7	W8
Proposal Documentation	All								
Web design	All								
Web coding	Front-End (Jin)								
Database coding	Back-End (Bo-Han)								
Mid-term Report	All								
Testing	All								
Fix and Update	All								
Presentation	All								

2.2. Progress

Table.2.2. and 2.3 describe the details on functions completed and in progress in both front-end and back-end parts.

Table 2.2
Progress of web coding

Page	Features	Progress (%)
Main page	Completed: - Layout - Navigation bar - Search form - Sliding banner - Thumbnails for product view In progress: - Test with database and update if needed	90
Register & sign-in page	Completed: - Layout - Input form In progress: - Test with database and update if needed	90
Category page	Completed: - Layout - Category section - Breadcrumbs In progress: - Filter function - Test with database and update if needed	80
Order processing page	Completed: - Layout - Glyphicons In progress: - Test with database and update if needed	90
Product detail page	Completed: - Layout - Options (size, colour, quality, etc) - Tab bar for descriptions In progress: - Multi image display and zoom function - Test with database and update if needed	80

Table 2.3
Progress of database coding

Page	Features	Progress (%)
Main page	<p>Completed:</p> <ul style="list-style-type: none"> - Logout function <p>In progress:</p> <ul style="list-style-type: none"> - jump session error (PHP extension must be changed to the server, otherwise the web page may not be displayed) 	50
Register & sign-in page	<p>Completed:</p> <ul style="list-style-type: none"> - Register page (update SQL) - Sign-in page (select and get user) - DB data setting <p>In progress:</p> <ul style="list-style-type: none"> - Register > Rule validation - Sign-in > Data security verification 	60
Category page	<p>Completed:</p> <ul style="list-style-type: none"> - DB data setting <p>In progress:</p> <ul style="list-style-type: none"> - PHP & DB connection 	50
Order processing page	<p>Completed:</p> <ul style="list-style-type: none"> - DB data setting <p>In progress:</p> <ul style="list-style-type: none"> - Order function 	50
Product detail page	<p>Completed:</p> <ul style="list-style-type: none"> - DB data setting <p>In progress:</p> <ul style="list-style-type: none"> - PHP & DB connection function (not use web) 	50

3. Prototype

The prototype display is separately attached to the Appendix, and the source code can be connected and downloaded through the above GitHub address.

4. Project Management

4.1. Development Environment

The tools used for development are classified into two groups, web and database coding, and introduced in Table 4.1 below.

Table 4.1
Development Environment Tools for Front-End

Role	Tool
Editor (HTML, CSS, JavaScript)	Visual Studio Code
Library	Bootstrap 3.3.7
	jQuery 3.2.1
	Font Awesome 4.7.0 *used for checkout page once

Table 4.2
Development Environment Tools for Back-End

Role	Tool
Editor (HTML, CSS, JavaScript)	Bracket, Eclipse, Xcode
For server	PHP 7.4
	AJAX (will switch to use)
	XAMPP, Free external DB server (waiting for verification)

4.2. Repository

The project data and records are managed through GitHub. The project file structure in GitHub is as follows.

- README.md – describes all history of updates
- Web folder – includes all web and database source code files

- Report folder – includes report and presentation files

* GitHub repository address for the project – <https://github.com/Jake-Jin-AU/ShoppingWeb-MobileParts>

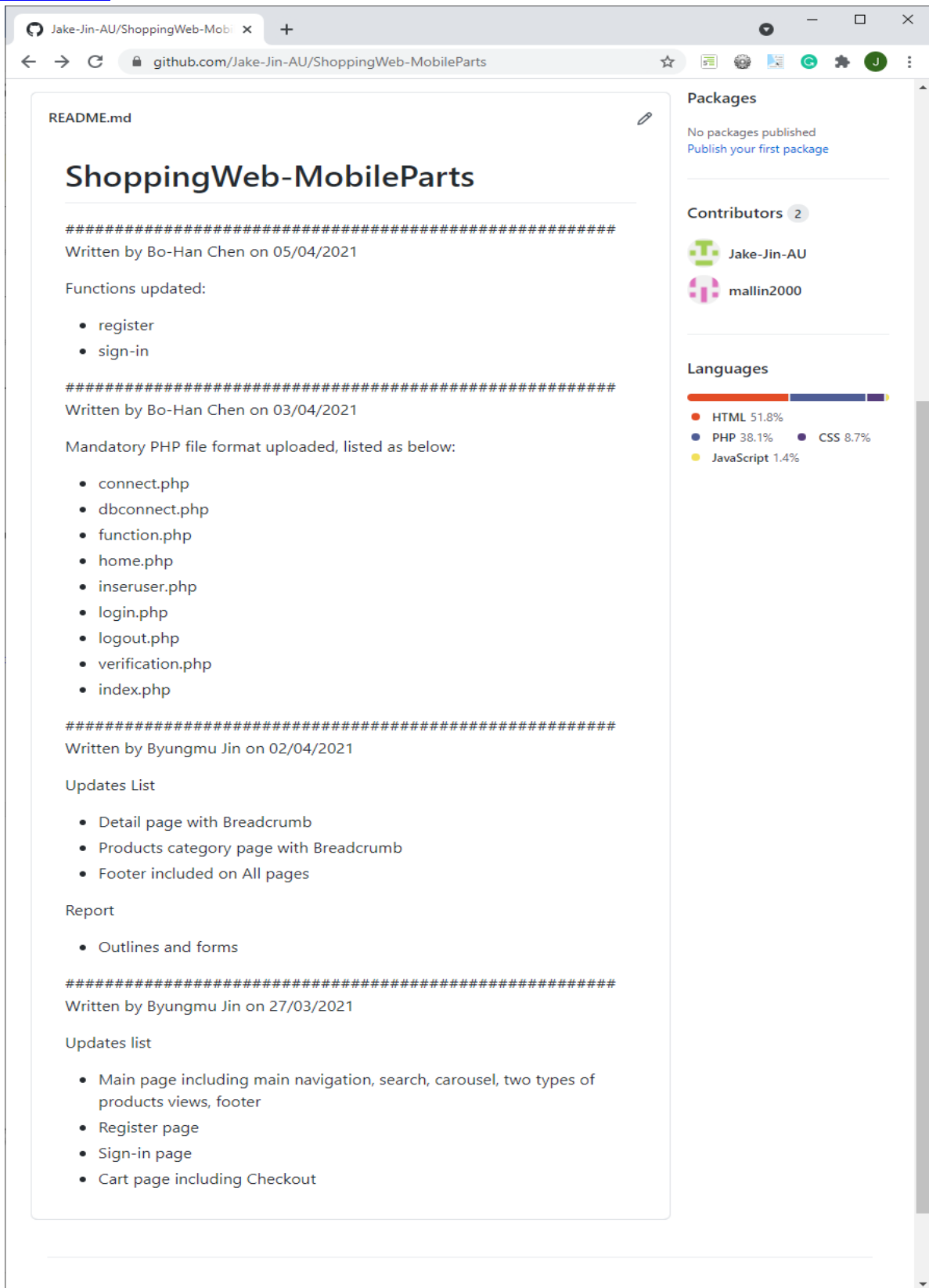


Figure 4.1. Screenshot of README.md file in GitHub

4.3. Meeting

Tasks and meetings were mainly conducted online, and a total of two face-to-face meetings were held for collaboration of the project.

Table 4.3

Face-to-Face Meetings

Topic	Place	Date
Project Proposal Documentation <ul style="list-style-type: none">- Scope- Market analysis- Web design- Project Plan	Bo-Han's house	3/Mar/2021
Web and database coding	Jin's house	27/Mar/2021

Appendix

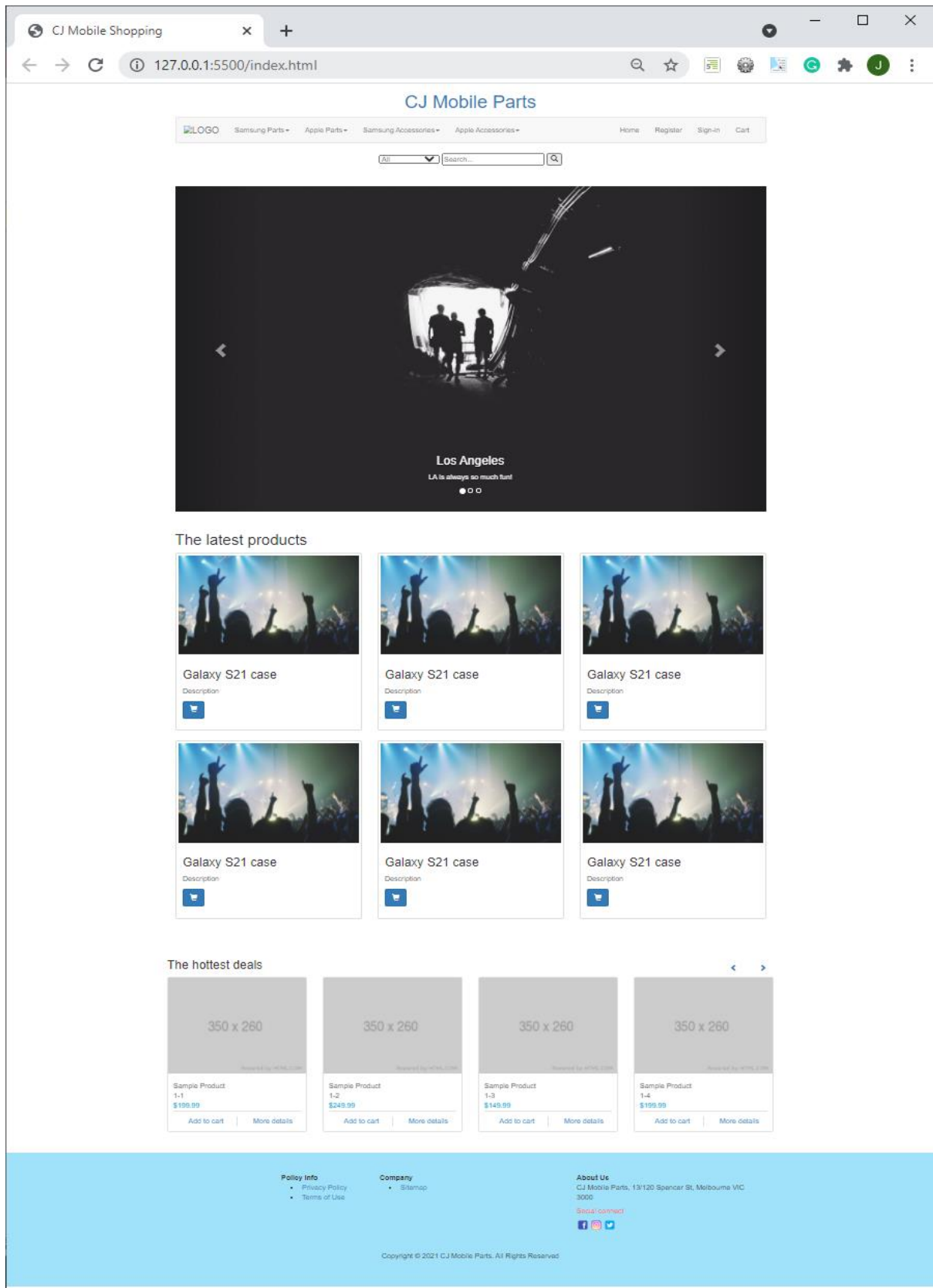


Figure A.1. Main page

Register
Please fill in this form to create an account.

Email
Enter Email

Password
Enter Password

Repeat Password
Repeat Password

By creating an account you agree to our [Terms & Privacy](#).

Register

Already have an account? [Sign in.](#)

Policy Info

- Privacy Policy
- Terms of Use

Company

- Sitemap

About Us
 CJ Mobile Parts, 13/120 Spencer St, Melbourne VIC 3000
 Social connect
[Facebook](#) [Instagram](#) [Twitter](#)

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Figure A.2. Register page

Sign-in
Please fill in this form to login.

Username
Enter Username

Password
Enter Password

Login

☒ Remember me

Cancel [Forgot password?](#)

Policy Info

- Privacy Policy
- Terms of Use

Company

- Sitemap

About Us
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Figure A.3. Sign-in page

Billing Address

Full Name
John M. Doe

Email
john@example.com

Address
542 W. 15th Street

City
New York

State
NY

Zip
10001

☒ Shipping address same as billing

Payment

Accepted Cards
VISA, MasterCard, American Express, Discover

Name on Card
John More Doe

Credit card number
1111-2222-3333-4444

Exp Month
September

Exp Year
2018

CVV
352

Continue to checkout

Cart

Product	Price
Product 1	\$15
Product 2	\$5
Product 3	\$8
Product 4	\$2
Total	\$30

Policy Info
[Privacy Policy](#)
[Terms of Use](#)

Company
[Sitemap](#)

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 CJ Mobile Parts, 13/120 Spencer St, Melbourne VIC 3000
 Social contact
[Facebook](#) [Instagram](#) [Twitter](#)

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Figure A.4. Order processing page

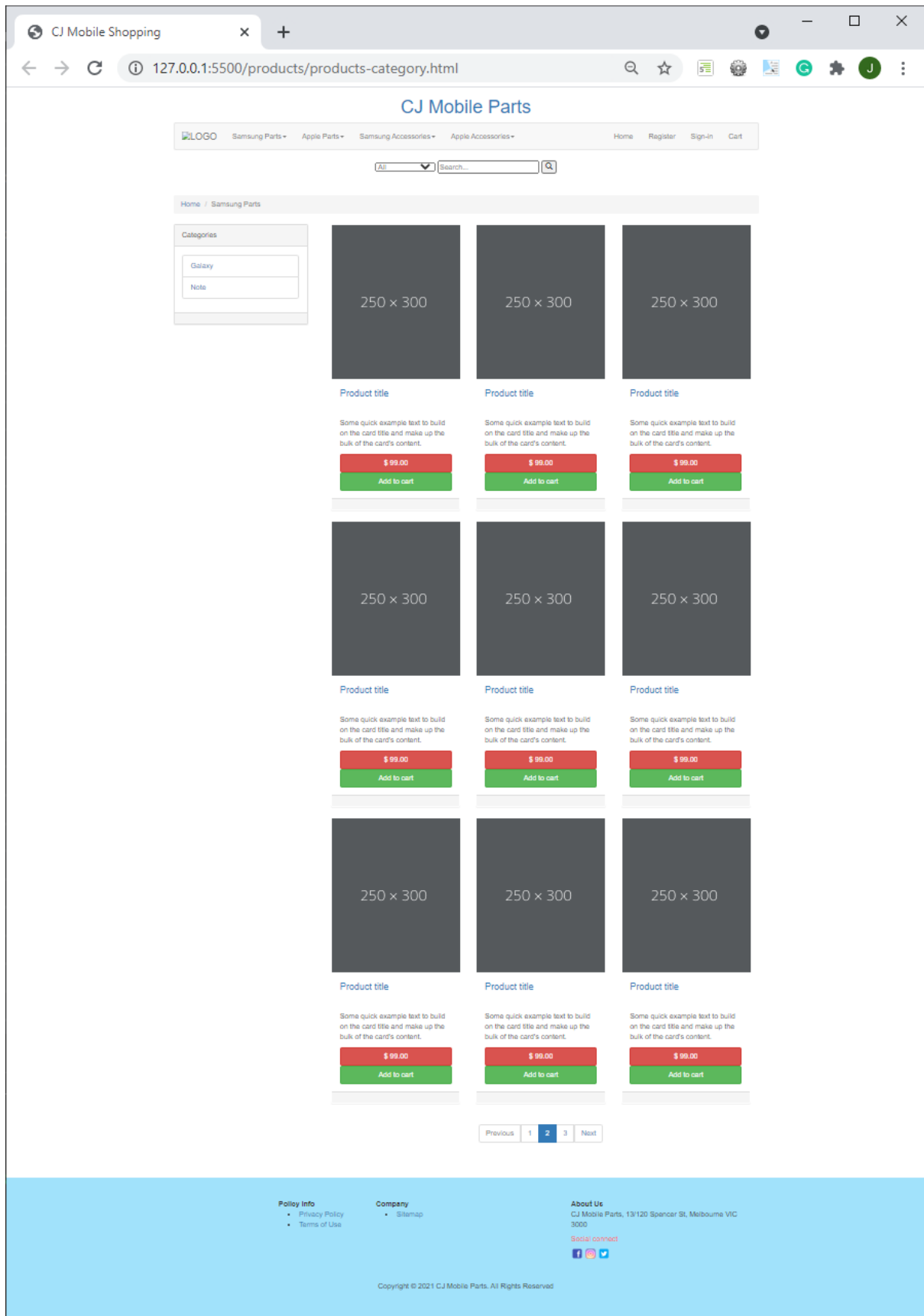


Figure A.5. Product category page

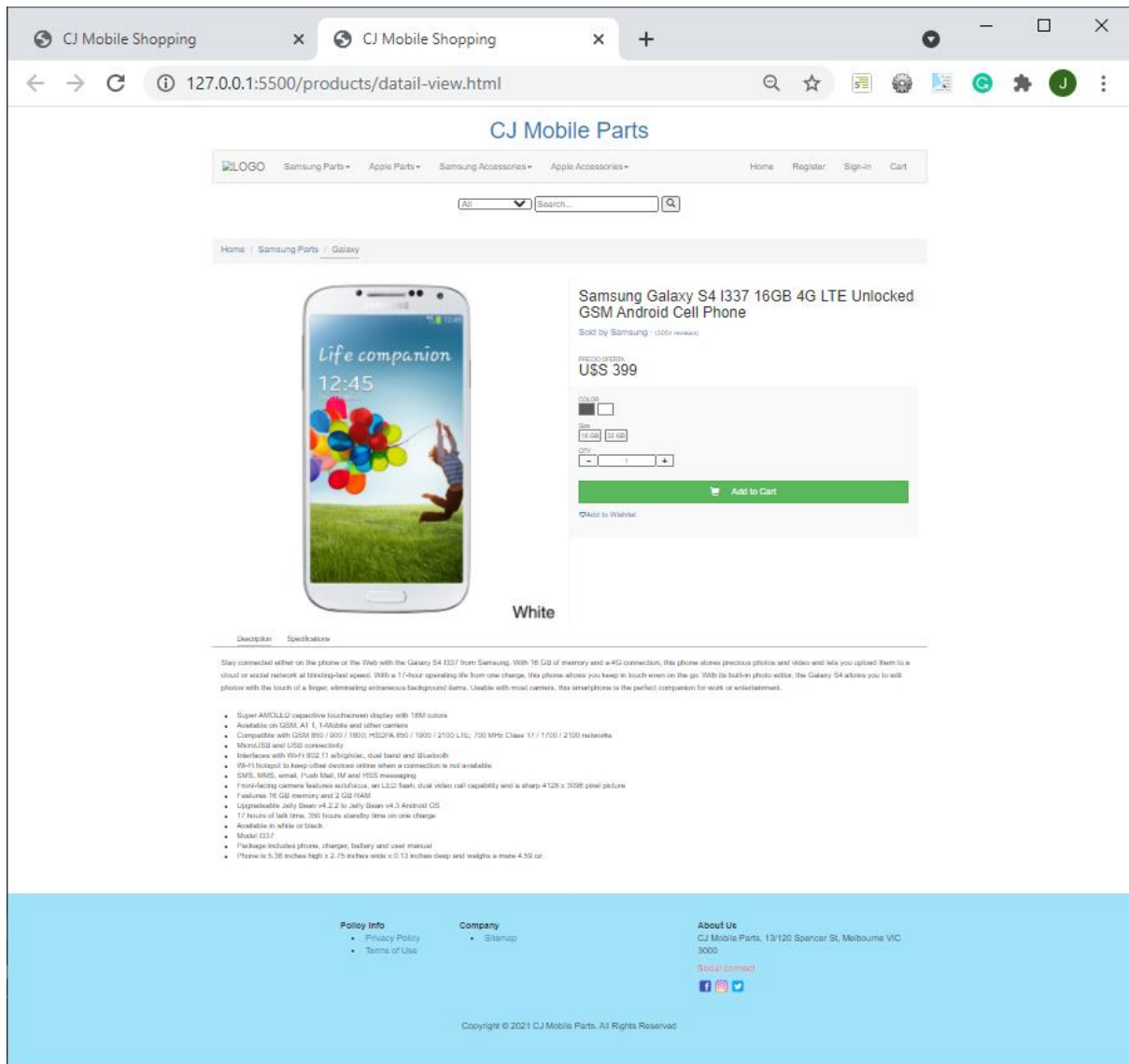


Figure A.6. Product detail page