

Phase 4

UI/UX Design

QuickSell

Local Marketplace for Dapitan & Dipolog

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Bachelor of Science in Computer Science (BSCS)
Second Year (Block B)

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Web Systems & Technologies (CS PROF ELECT 3)
T/TH (17:30–18:30), SA (09:00–12:00)

Content Inventory Spreadsheet

Page Name	Content Status	Notes
1) Landing (index)	Completed	The landing page.
2) Sign up	Completed	Let the user create an account.
3) Sign up Success	Completed	Redirects the user here when sign up was successful. It features a sign in button to let the user sign in.
4) Sign in	Completed	Let the user sign in.
5) Home	Completed	The main page after signing in. It shows the most recent listings.
6) Categories	Completed	Houses all the links for all categories.
Category Pages 7) Electronics 8) Phones & Accessories 9) Computers & Laptops 10) Home Applications 11) Furniture 12) Clothing & Apparel 13) Footwear 14) Beauty & Personal Care 15) Books & Stationary 16) Toys & Games 17) Sports & Fitness 18) Vehicles 19) Auto Parts & Accessories 20) Pet Supplies 21) Musical Instruments 22) Tools & Hardware 23) Garden & Outdoor 24) Arts & Crafts	Completed	This is a dynamic page that lets the user filter between 18 product categories. It uses a GET request to fetch all listings with the matching category.
25) Create listing	Completed	This page lets the user create a listing. It uses HTML Forms and sends the information to the database via prepared

		statements.
26) Favorites	Completed	Another page that houses the current user's favorite listings.
27) Listing	In progress	The page that lets the user look at a listing's full details, including the description and the seller's contact information.
28) Search	Completed	The search page. Users input filters to look for specific listings.
29) Search results	Completed	The feed with the user's filters when searching.
30) Profile	In progress	Either the current user's profile or another user's profile. This page houses their information and all of their listings.

Backend Setup Notes

Database Used: MariaDB

Tables:

```
CREATE TABLE `users` (
  `user_id` INT(11) NOT NULL AUTO_INCREMENT,
  `first_name` VARCHAR(50) NOT NULL,
  `last_name` VARCHAR(50) NOT NULL,
  `city` ENUM('Dapitan','Dipolog') NOT NULL,
  `barangay` VARCHAR(50) NOT NULL,
  `birthdate` DATE NOT NULL,
  `facebook_link` VARCHAR(100) NOT NULL,
  `phone_number` VARCHAR(11) NOT NULL,
  `username` VARCHAR(25) NOT NULL,
  `password` VARCHAR(255) NOT NULL,
  `profile_picture` VARCHAR(255) NOT NULL,
  `joined_date` DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP,
  PRIMARY KEY (`user_id`),
  UNIQUE KEY `username` (`username`)
);
```

```

CREATE TABLE `listings` (
  `listing_id` INT(11) NOT NULL AUTO_INCREMENT,
  `user_id` INT(11) NOT NULL,
  `title` VARCHAR(50) NOT NULL,
  `description` TEXT NOT NULL,
  `price` DECIMAL(8,2) NOT NULL,
  `category` VARCHAR(35) NOT NULL,
  `item_condition` ENUM(
    'Brand New',
    'Lightly Used',
    'Well Used',
    'Heavily Used'
  ) NOT NULL,
  `image_link` VARCHAR(255) NOT NULL,
  `listed_date` DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `is_sold` TINYINT(1) NOT NULL DEFAULT '0',
  PRIMARY KEY (`listing_id`),
  KEY `user_id` (`user_id`),
  FULLTEXT KEY `fulltext_title_description` (`title`,`description`),
  CONSTRAINT `listings_ibfk_1` FOREIGN KEY (`user_id`)
  REFERENCES `users` (`user_id`)
);

```

```

CREATE TABLE `favorites` (
  `user_id` INT(11) NOT NULL,
  `listing_id` INT(11) NOT NULL,
  `created_at` TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP,
  PRIMARY KEY (`user_id`,`listing_id`),
  KEY `listing_id` (`listing_id`),
  CONSTRAINT `favorites_ibfk_1` FOREIGN KEY (`user_id`) REFERENCES `users`
  (`user_id`) ON DELETE CASCADE,
  CONSTRAINT `favorites_ibfk_2` FOREIGN KEY (`listing_id`) REFERENCES `listings`
  (`listing_id`) ON DELETE CASCADE
);

```