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|  | | JustSell Report | | | | |  | |
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|  | | | | Group Uniform | |  | | |
|  | | | | Boudribila, Amine  De Vargas Pereira, Karina  Pye, Benjamin | |  | | |
|  | | | | Thursday, November 2, 2023—WEB DEVELOPMENT I—Stephanie Moreau | |  | | |
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## Planning and Preparation

(Planning steps performed, wireframe, data model E/R diagram, target audience, research performed)

For our website design we took inspiration from existing real-estate websites and decided on the following design.

A common Navbar containing the following:

- Logo (goes to main home page)

- Login (goes to User Registration & Login Page)

- Search (goes to Search Results Page)

- Contact us (goes to Contact us Page)

1. Home Page:

○ Display an overview of the website, highlighting key features, offers, and search functionality.

2. User Registration & Login Page:

○ Allow users to register or login to their accounts.

3. User Profile Page:

○ Enable registered users to modify their profile details.

4. Accommodation Listings Page:

○ Display a list of accommodations with essential information like address, description, listing agent, and price.

5. Accommodation Details Page:

○ Provide detailed information about a specific accommodation, including images and additional details.

○ Allow users to submit an offer for a particular accommodation.

6. Search Results Page:

○ Show search results based on user input with the option to filter the results.

7. Checkout Page:

○ Confirm the offer with the user and indicate how much it is above or below the asking price.

8. Admin Panel:

○ Provide access to administrative functions to manage users, agents, properties, and offers.

9. Contact us Page:

○ Information about our group/topic

○ How to contact the company and/or where they are located

Currently our wireframes for the Home page and Admin Panel are still in progess.

Original JustSell E/R Diagram



Users

**UserID**

Username

Password

Email

FirstName

LastName

Phone

Address



Properties

**PropertyID**

*AgentID*

Address

Description

Price

Bathrooms

Bedrooms

Floors

size

furnished

image\_01

image\_02

image\_03



PropertyOffers

**OfferID**

*UserID*

*PropertyID*

OfferAmount

OfferStatus



Admins

**AdminID**

*UserID*

Username

Password



Agents

**AgentID**

FirstName

LastName

Phone

Email

A screenshot of a computer

Description automatically generated

Final JustSell E/R

Diagram

## Website Details

(Website URL, Git Hub Repository URL, Overall Goal and purpose of website, description of website

section and overall workflow)

Website URL: [https://expressionism-chall.000webhostapp.com/](https://expressionism-chall.000webhostapp.com/all_listings.php)

Git Hub Repository URL: <https://github.com/Dripamine/RealEstateProperties-Project>

REAL ESTATE PROPERTIES

COMPANY NAME: JUSTSELL

USER REGISTRATION & LOGIN

Register login update their user details.

SEARCH

Provide search functionality to allow users to find accommodations. Accommodations should have

unique listing identifier, address, description, listing agent, price

FILTER

Allow users to filter accommodations search results.

INTERACTION

Provide users ability to post an offer for an accommodation.

ADMIN

Admin should be able to manage users, agents, properties, and offers

CHECKOUT

Confirm with the user offer and indicate how much it is above or below the asking price.

NOTES

If there are offers, show the best offer as part of the front-end information

You control agents, property listing

## Daily progress

Friday October 13th - Project Day 1

Amine volunteered to set up the GitHub repo.

Then we ended the meeting early to read through the assignment instructions.

October 14 and 15th

Karina - created the logo and pushed to GitHub repo.

Karina - started working on the Low-fidelity wireframe - display elements in simple content blocks or general images, taking our team basic concept and turning it into something more refined. This phase will determine what graphical elements need to be created and what copy needs to be written.

Monday October 16th - Project Day 2

Karina - working on the Low-fidelity wireframe

Amine finished defining the database entities and their attributes.

Benjamin - Started HTML based on wireframe

Tuesday October 17th - Project Day 3

Amine - worked on the E/R Diagram.

Benjamin - Converted HTML to php

Karina - Working on HTML for home page

Wednesday October 18th - Project Day 4

Benjamin - Started Database, created sql file

Amine - researched and found the web hosting server for our website: infinityfree.com

Karina - Working on CSS, HTML and PHP for home page

Thursday October 19th -

Karina - Working on HTML for search page

Group discussion about Home page, Admin panel & db improvements

Friday October 20th -

Karina - Working on HTML for search page

Amine - Started working on Contact Us page.

Benjamin - DB structure Update, Continued work on Registration page

Monday October 23rd -

Amine - Started the Contact Us page.

Benjamin - created some sample data for DB, continued suffering with Registration page

Karina - search page done, added db samples

Tuesday October 24th

Benjamin - Registration Page almost complete! TDB password hashing and checking for username already in use

Karina - Update Header and Footer, working on all listing page, Details page and get in touch page

Amine - added the mail function for the contact form.

Wednesday October 25th -

Benjamin - Password hashing, and username validation finished. created login page, css tweaks

Karina - Listing page created but not finalized

Amine - Started the User profile dashboard

Thursday October 26th -

Benjamin - Continued login page work. Almost finished. TDB Cookies. Added functions.php

Karina - Working listing page, entering db information to be able to test the function on the listing page.

Amine - is working on the User profile dashboard.

Friday October 27th -

Benjamin - Cleaning; organizing, reduce redundancies, add comments (i always forget those), minor fixes

Karina - after test: fixed link home on footer, fixed link contact us on footer, fixed link all listings us on footer, fixed several links on our header.

Amine - is working on the User profile dashboard.

Saturday October 28th -

Karina - create about us page, create saved properties page (user needs to log in first)

Amine - pushed an initial version of the user profile dashboard.

Monday October 30th -

Amine - Setting up the Admin dashboard button.

Karina - all\_listing and latest\_listing pages created to do list to compare with requirements

Tuesday October 31st - Happy Halloween!

Benjamin - Started Admin / Agent Panel, 000webhost setup.

Amine - pushed the Admin dashboard button.

Karina - started to review all pages and make some adjustments.

Wednesday November 1st

Benjamin - Admin/Agent panel; Delete function, Add/edit function

Amine - moved the error messages in the login box and made them red as well.

Karina - CSS and HTML adjustments

Thursday November 2nd

Benjamin - add/edit properties function

Amine - is working the users and agent sections of the admin panel. Also started the project report.

Karina - details.php and fixing small css issues

Friday November 3rd

Benjamin - finished add/edit properties, addImage.php

Amine – finished the users and agent sections of the admin panel.

Karina - details.php and part 2 and 3 of the small fixings

Saturday November 4th

Amine – fixed a bug on the editAgent.php page.

Karina - finished details.php, general website test and fixed small issues

## Post-Mortem

(What went wrong, what went right, what would you do differently, how could you improve the website?)

**What Went Wrong:**

**Lack of Testing.** We didn't allocate enough time and resources for thorough testing. As a result, we launched some bugs and issues that can negatively impact user satisfaction.

**What Went Right:**

**Regular Updates.** We were proactive in pushing regular updates and fixing issues, which showed our commitment to improving Just Sell site.

**What Would You Do Differently:**

**Scope and Wireframe.** It would be interesting if students from design course could forward us

## Project Feedback

(Overall impression of the project, ways to improve the project.

This is a general question, not related to your website.)

I believe the project was excellent, and in my opinion, there is nothing that needs improvement. Additionally, the project effectively test our capabilities.