

Project Milestone 3

WATT2Buy

Prepared by
Team WATT2Buy (#112-3)

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Completed Features

The front end of our entire website has been completed. Our finished html includes the following pages: home, survey, results, cart, sign up, login, and contact us form. The skeleton pages are connected to each other via our navigation bar. Related pages such as home & survey, survey & results, and register & login are also connected via buttons in the body of the pages.

Working Features in Demo

Our working features in the demo were the same as the completed ones mentioned in the previous section. To reiterate those were our home, survey, results, cart, sign up, login, and contact us form pages.

The front end completion and surface level interaction successfully allowed us to showcase our purpose and design for our product. We also showcased our planned database and layout in mySQL. However, we have you to fully integrate or connect to our database to the completed html features such as the login. So while the The login/registration page is completed, it is not yet fully functional since it is currently in process of being hooked up to the back-end database.

Issues Faced

The majority of our team are non computer science students with limited experience in coding and software development. So there have been many struggles with the mandatory “learning as we go” approach for all the new languages we’ve been exposed to. This applies to coding as well as to the necessary energy knowledge we need since we must know what are actually viable options to offer the users.

Additionally. We have come to realize that the more we do, the more we have to do. A good example of this is that we realized we’ll need the use of administrative pages since we are only the developers, and not the business owners of the project. So we must create pages not just for the end user but also the business owner. That way they can add items to the database and edit pages without having to access the code.

Suggestions from TA

- ❑ Next step should be implementing a fully functional login and registration system by connecting the frontend inputs to the backend database

- ❑ Once this is completed, understanding of frontend/backend interactions will be thorough and we will have necessary knowledge to complete the same interactions needed for the cart, survey, and results page
- ❑ Suggested use of node js server which will allow the html to connect to mySQL
- ❑ Advised focus should be on finishing project from a local server and then once completed, effort could be placed on figuring out how to host it
 - ❑ Heroku provides free postgres service
 - ❑ <https://www.heroku.com/postgres>

Individual Contributions

Hung Bui

- ❑ Implemented website skeleton and design
- ❑ Designed database
- ❑ Shopping Cart/ Checkout functions (to be stored with database)
- ❑ General support with miscellaneous components of the site

Simon Julien

- ❑ Displayed results on Front-end “Results” Tab by pulling card information on necessary technologies from database
- ❑ Pulling Survey Results from Back-end Database after “see results” is clicked
- ❑ Create Algorithm that decides “best options” for customer

Tiger McDaniel

- ❑ Contact Form Interactive Front-end
- ❑ Updated Jira
- ❑ Helped design databases and miscellaneous components of the site

Kunal Sinha

- ❑ Researched information necessary to put together survey questions (other less common tech)
- ❑ Created Front-end survey under “survey” tab
- ❑ Connected Survey to results page

Vanessa Van Scyoc Hernandez

- ❑ Researched information necessary to put together survey questions (emphasis on solar)
- ❑ Created login page and interaction between sign up and login
- ❑ Personalized Home page
- ❑ Prepared items and solar data necessary to do calculations for recommendations based on survey results.