

A8: Vertical prototype

1. Implemented Features

1.1. Implemented User Stories

User Story reference	Name	Priority	Description
US05	FAQ Page	high	As a User, I want to access the FAQ page,so that I can clarify some of my questions easily.
US09	About Page	medium	As a User, I want to access an about page, so that I can see a complete website's description.
US13	Sign In	high	As an Unauthenticated User, I want to authenticate into the system, so that I can access privileged information.
US14	Sign Up	high	As an Unauthenticated User, I want to register myself into the system, so that I can authenticate myself into the system.
US21	View profile	high	As an Authenticated User, I want to view my profile, so that I can verify if all my information is accurate.
US22	Edit profile	high	As an Authenticated User, I want to edit my profile, so that I can update my information.
US27	Sign Out	high	As an Authenticated User, I want to sign out of the system, so that I can close my account.
US31	View history of previous purchases	high	As a Buyer, I want to view the history of my previous purchases, so that I remember what I purchased.
US47	Add Address	high	As an Authenticated User, I want to add an address to my profile, so that I can associate it to a purchase.
US48	Remove Address	high	As an Authenticated User, I want to remove an address of my profile, so that I can update my information.

1.2. Implemented Web Resources

Module M01: Authentication and Profile

Web Resource Reference	URL
R101: Sign In Form	/signin
R102: Sign in action	POST /login

R103: Logout Action	POST /logout
R104: Register Form	/register
R105: Register Action	POST /register
R106: View Profile	/profile/{id}
R107: Edit Profile Action	PUT /profile/edit
R109: Add Address Action	POST /profile/address
R110: Delete Address Action	DELETE /profile/address

Module M05: Static Pages

Web Resource Reference	URL
R501: FAQ Page	/faqs
R502: About Page	/about

2. Prototype

Regular User Credentials

- Email: test@test.com
- Password: testtest

The code is available at <https://github.com/literallysofia/lbaw1761/tree/proto>

Revision history

Changes made to the first submission:

1. Some verifications were added to input fields using REGEX and other HTML elements such as "type" and "required".
2. Some verifications were set on the server side to check if all the values received from the client are valid.
3. Some try/catch blocks were added surrounding Eloquent calls so that it can catch and handle the exceptions thrown by the Eloquent.
4. API's are now ready to handle and give some feedback (error or success messages) when they get an answer from the server.
5. In case of errors not handled by the APIs, such as "try to access a page that doesn't exist" or "try to access a page without permissions", the user is redirected to the Error pages (404 or 403). Those pages' design will be improved in the future.

GROUP1761, 25/04/2018

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