A8: Vertical prototype

Our project, Answerly, is a web application for collaborative Questions and Answers.

This artifact consists on the set of the first user stories that were implemented, aiming to validate the architecture presented in past artifacts.

1. Implemented Features

1.1. Implemented User Stories

User Story reference	Name	Priority	Description
US01	Home Page	high	As a User, I want to scroll through the Home Page, so that I can see recent questions with the most votes.
US02	Question's page	high	As a User, I want to check a question's page, so that I can see the question in full detail and every reply.
US07	About us Page	low	As a User, I want to access an information page, so that I can learn more about the providers of the website.
US09	Sign Up	high	As a Guest on the site, I want to be able to sign up to the system, so that I can ask questions or respond to them.
US10	Sign In	high	As a Guest on the site, I want to be able to authenticate myself into the system, so that I can access my already existing account.
US13	Create Question	high	As an Authenticated user, I want to ask questions, so that I can use the Website for what it is intended for.
US14	Reply Question	high	As an Authenticated user, I want to reply to questions that I know the answer, so that I can give back to the community.
US15	Logout	high	As an Authenticated user, I want to be able to logout, so that I can close my account's session.
US18	Comment	medium	As an Authenticated user, I want to comment certain questions or replies, so that I can add a useful insight to the conversation.
US26	Edit my Content	low	As an Authenticated user, I want to be able to edit and delete my questions, answers and comments, so that I can fix some initial mistakes.

1.2. Implemented Web Resources

Module M01: Authentication and Individual Profile

Web Resource Reference	URL
R101: Login Form	`/login`
R102: Login Action	`POST /login`
R103: Logout Action	`/logout`
R104: Register Form	`/register`
R105: Register Action	`POST /register`

Module M02: Questions, Answers and Comments

Web Resource Reference	URL
R201: Home	`/`
R204: View Question, answers and comments	`/question/{id}`
R205: Add Question	`/api/question`
R209: Add Answer	`/api/answer`
R212: Add Comment	`/api/comment`

Module M03: Website Administration and Ownership

Web Resource Reference	URL
R305: Edit question form	`/api/question/{id}`
R306: Edit question action	`/api/question/{id}/update`
R307: Edit answer form	`/api/answer/{id}`
R308: Edit answer action	`/api/answer/{id}/update`
R309: Edit comment form	`/api/comment/{id}`
R310: Edit comment action	`/api/comment/{id}/update`
R311: Delete question	`/api/question/{id}`
R312: Delete answer	`/api/answer/{id}`
R313: Delete comment	`/api/comment/{id}`

Note: on this module, only Ownership part was implemented for the demo.

Module M04: Static Pages

Web Resource Reference	URL
R401: About	`/about`

Web Resource Reference	URL
R402: 404	/404

2. Prototype

The code is available at: https://git.fe.up.pt/lbaw/lbaw1920/lbaw2064

The prototype is available at http://lbaw2064.lbaw-prod.fe.up.pt/

Credentials:

Regular user:

- Username: pedrodantas
- Password: 1234

Revision history

1. First submission (20/04/2020).
2. Added some more features, updated URLs and endpoints according to changes on artifact A7 (03/05/2020).

GROUP2064, 03/05/2020

- Antonio Pedro Reis Ribeiro Sousa Dantas, up201703878@fe.up.pt
- Eduardo João Santana Macedo, up201703658@fe.up.pt
- Nuno Miguel Teixeira Cardoso, up201706162@fe.up.pt
- [Editor] Paulo Roberto Dias Mourato, up201705616@fe.up.pt