

Glossary for Developer

Post – a single blog record displayed on the Blog Page and if it is among 3 latest it is also displayed on the Home page. It can be edited and deleted only by user with “admin” role

Liqpay – online service which handles user’s payment with Checkout API using Privat24

Checkout API – Liqpay’s API represented as a button with further redirect to personalized payment page with 10 payment methods

Users.db – mysql database named “users” which contains 3 tables created with Server. All users, payments and posts data is stored in users, orders and posts table accordingly

Server – Node Express server which handles all http requests from the Website using Request and Response which is would be sent to userService and processed accordingly. Server directly deals with users.db (connection, inserting admin user by default and operations with users, orders and posts tables)

userService – one of Websites services which sends http requests to the Server and processes all the Responses from the Server and notifies user accordingly

axios – based HTTP client for node.js the browser. It is isomorphic (= it can run in the browser and node.js with the same codebase). On the server side it uses the native node.js httpmodule, whereas on the client (browser) side it uses XMLHttpRequests.

SessionCheck component – React component on the Account Page which represents the “Log out” button which kills the active session and redirects user to the Login Page

Payment component – React component on the Purchase Page which represents the radio button choice of 3 price options, the value of the choice would be parsed to the PaymentForm

PaymentForm component – React component on the Purchase Page which represents the Payment button with the further redirect to the Liqpay Checkout API of the Liqpay

RegisterForm component – React component on the Register Page which represents the form itself where user can input its data: username, email and password. Username, email and hashed password data is recorded in database. After Registration active session is created and role (user or admin) is initialized accordingly to the fact whether the match with admin’s email is true or not

LoginForm component – React component on the Login Page which represents the form itself where user can input its data: email and password. After Login active session is created and role (user or admin) is initialized accordingly to the fact whether the match with admin’s email is true or not

PaymentTable – React component on the Account Page which represents the table of all the user’s payments ever made

Request (req) – used in Server communication and holds all data parsed from the website (including user data(password, email, username), role and session

Status – server response’s code, which indicates the state of the http request done, f.e. 200 - “OK”, 409 - error, “Not found”

PostCreate – React component on the Home Page which represents the button “Create post” for the user with “admin” role only

PostEditModal – React component on the Blog Page which represents the button overlay window to edit the text data of the post for the user with “admin” role only

PostCard – React component which represents the post overlay window and all corresponding functionality