

Year project specification

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Academic year

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Project leader

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Name of the project

Fantasybooks

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Introduction

Goals of the document

Goal of the document is to specify year project task, theme being e-shop with fantasy books – Fantasybooks. Document contains basic description of function and project structure with its parts. It is not within goals of this project to provide tutorial for using this application or to answer user's questions.

Target of the document

This document is not only for my project leader, but for anyone willing to understand its basic structure or willing to cowork at project development.

Project description

Project is divided into four parts. Each of them with its own goals. Project aims at fantasy literature solely. It will be given a possibility to buy, review, sell or give books. Final version of application will run at davinci.fmph.uniba.sk

Targeted users group

Application is suitable for fans of fantasy literature. No further skill is needed but basic internet knowledge. Users will be divided into three groups. Administrators, who will be able to change webpage content and adding or deleting books from database, thus from webpage. Logged in users, who will be able to buy books with instant discount, review them, sell or give them for free. Basic users, not logged in, will only be given possibility to buy books or to see others review.

Parts of project

Webpages' navigation will consist of following: Books (book listing from database and basic info about them), Bazaar (books given by users to be sold for small price or completely for free), Home (homepage), About Us (who are we, where you can find us, why should you register here, etc.). One can choose books sorting by following options: Name, Author, Price, Reviews (recommendations). Both ascending or descending.

Description of project functionality

After typing URL to your internet browser the webpage will be loaded with possibilities to log in, to register or to check your cart.

After clicking on the registration link registration form will be loaded. If user fills it with right values, he/she will be informed about successful registration. Otherwise the error message is shown and form is reloaded again; see Attachment – Graph 1.

When user clicks the log-in link, the logging form is shown. If user fills it with right values, he/she will be informed about successful logging into the system, registration link will not be shown and log-in link will change to log-out link. Otherwise the error message is shown, form is reloaded again and user is prompted to type again his username/password.

Cart will be available through all webpages. User can see what he/she has already put there. In case the cart is not empty user will be given option to proceed in purchase, providing address (if not registered) and payment; see Attachments – Graph 2.

It will be possible to review books or to edit one's own review. But only for logged, thus registered users. After either of choice, different forms will be shown. The way this works is pretty similar to registration process. After successful submission of user's review it will be added to book's reviews (or the old one will be edited), otherwise the error message is shown and user is prompt to fill form again.

Administrators will be given additional opportunity of adding or deleting books from webpage.

Project solution

Solution is divided into four phases, each with its own goals.

Design of solution

Project will be developed in HTML, CSS, PHP (+MySQL) and JavaScript using framework CodeIgniter.

Testing

Application will be tested in Mozilla Firefox, Google Chrome and Internet Explorer.

Project schedule

Phase 1

Framework configuration. Creating of basic template and basic design. Creating of form for registration and logging in.

Phase 2

Creating of book database and its implementation to webpage. Creating of user database and user profile. Registration, logging in and logging out will be working. Different possibilities for different user levels.

Phase 3

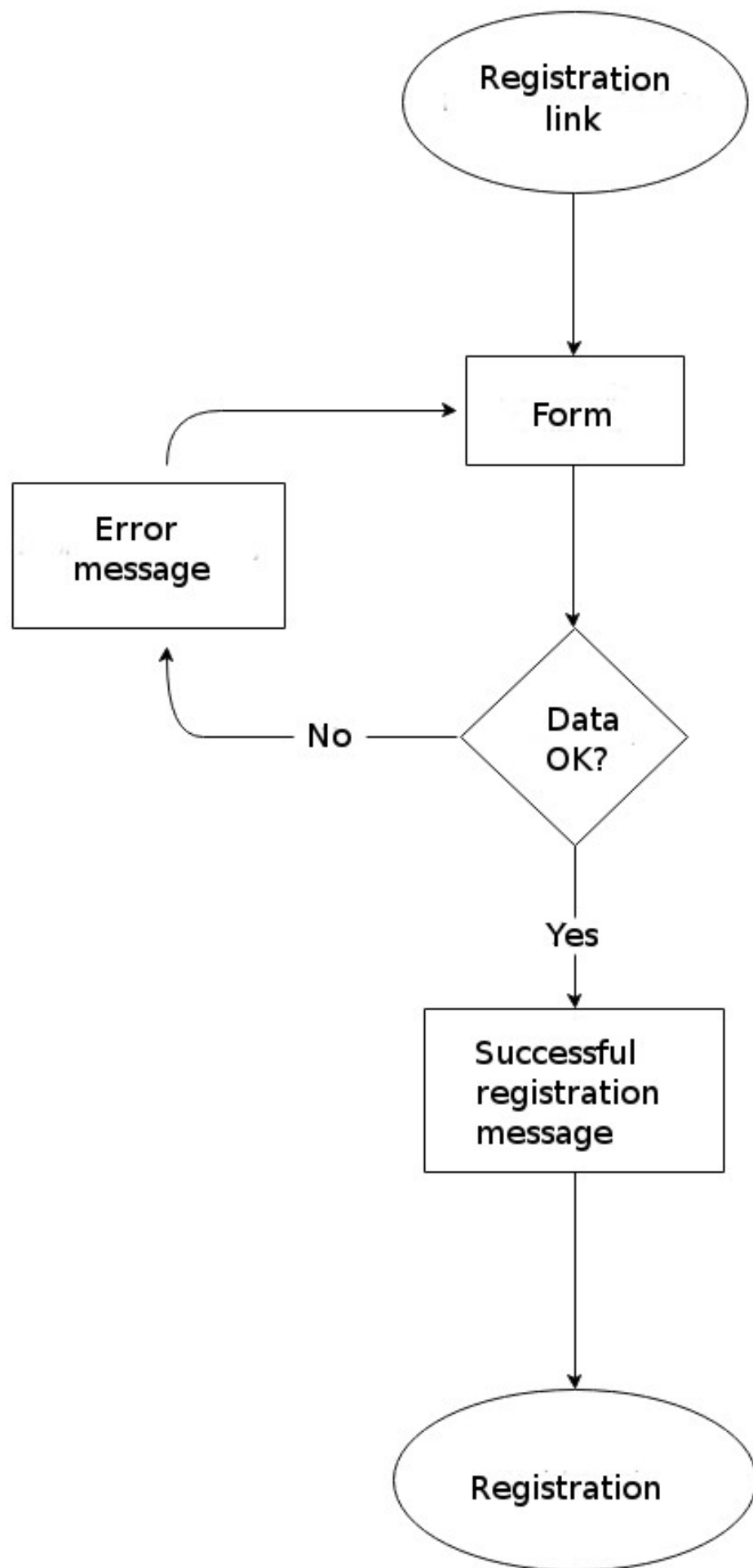
Functionality for different user levels should be fully working: book purchase (creating of cart and buying form) for every user, reviewing books or offering books to bazaar (registered users only), adding or deleting books (for administrators only).

Phase 4

Design adjustment (if needed). Creation of responsive web design and style for printing. English language optional.

Attachment

Graph 1



Graph 2

