

TALLINNA TEHNIKAÜLIKOOL

School of Information Technologies

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Review site

Distributed systems project

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Tallinn 2024

Authors declaration of originality

I hereby certify that I am the sole author of this report. All the used materials, references to the literature and the work of others have been referred to. This thesis has not been presented for examination anywhere else.

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Introduction

A review site is a website on which reviews can be posted about people, businesses, products, or services. These sites gather reviews from site users or may employ professional writers to author reviews on the topic of concern for the site. Users can access comprehensive information about various places, helping them to make informed decisions about where to go and what to expect. Users can read reviews and ratings provided by other visitors, offering insights into the quality, ambiance, and services of different places from a diverse range of perspectives.

There is no one single review website in Estonian. A lot of people nowadays search for reviews before visiting a new place or event. Users can discover new and hidden gems based on recommendations and reviews from other users, encouraging exploration and discovery beyond popular tourist destinations. For that reason, there is a possibility to create a new review site.

Overview

Mandatory requirements:

Public Reviews Viewing: Users can browse and view reviews of any place without needing to log in.

Reviewing (Requires Login): To review a place, users must log in. Each user can review a place only once. Users can update their review by deleting their current selection and submitting a new one.

Places List Page: The Places List Page displays a list of places with basic information such as address, name, and category. It also shows the average rating, total rating count, and the user's rating (if rated). Users can review places directly from this page. If users attempt to review a place without being logged in, a login dialog is displayed.

Places Detail Page: The Places Detail Page provides detailed information about a specific place, including basic information, average rating, total rating count, and the user's rating (if rated). Users can review the place and view all reviews. If users attempt to review a place without being logged in, a login dialog is displayed.

Admin Role Access: Users with admin roles have access to the User Manager. In the User Manager, admins can create, delete, or edit users, reviews, and roles.

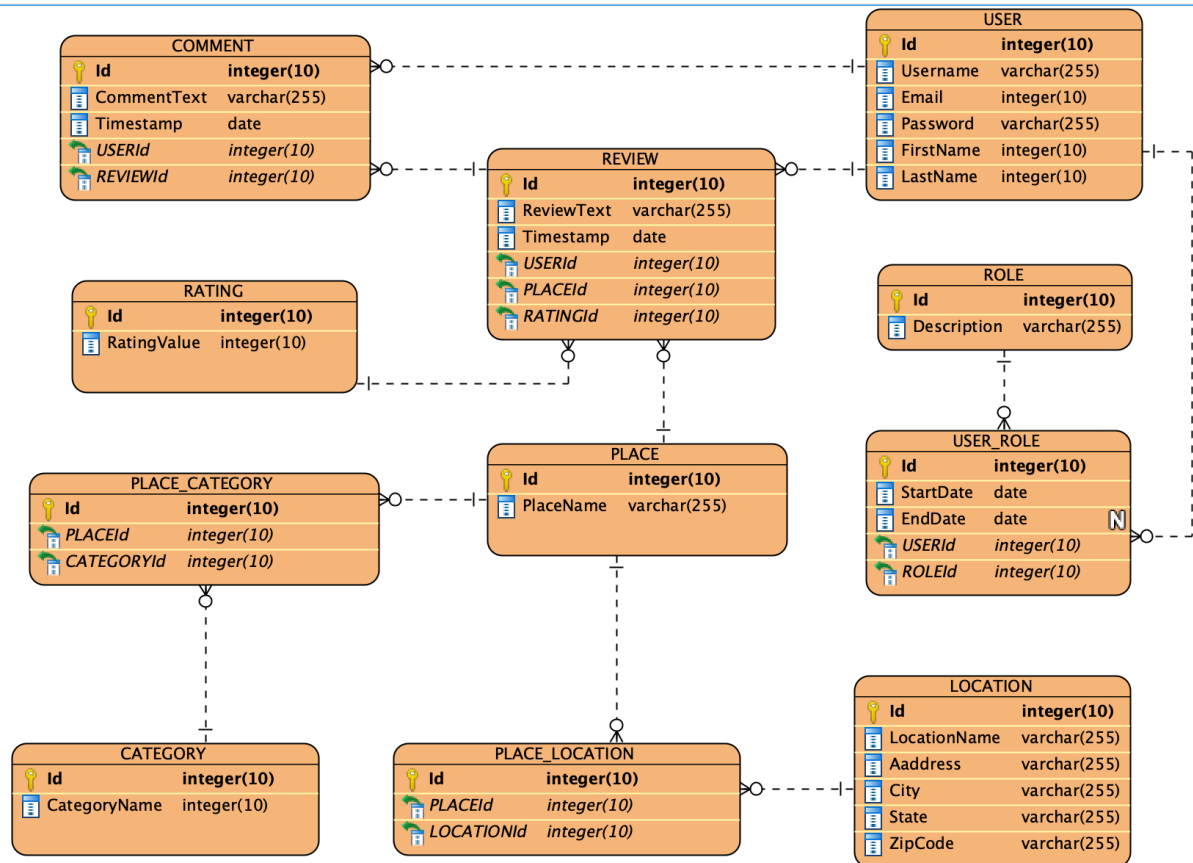
Adding New Places: If a user cannot find a place in the existing list, they can add a new place. Newly added places are visible to all users.

Commenting on Reviews: Users can comment on existing reviews to engage in discussions and provide additional insights. Comments can only be added by logged-in users. Users can add multiple comments to a review. Comments are visible to all users browsing the reviews.

Optional requirements:

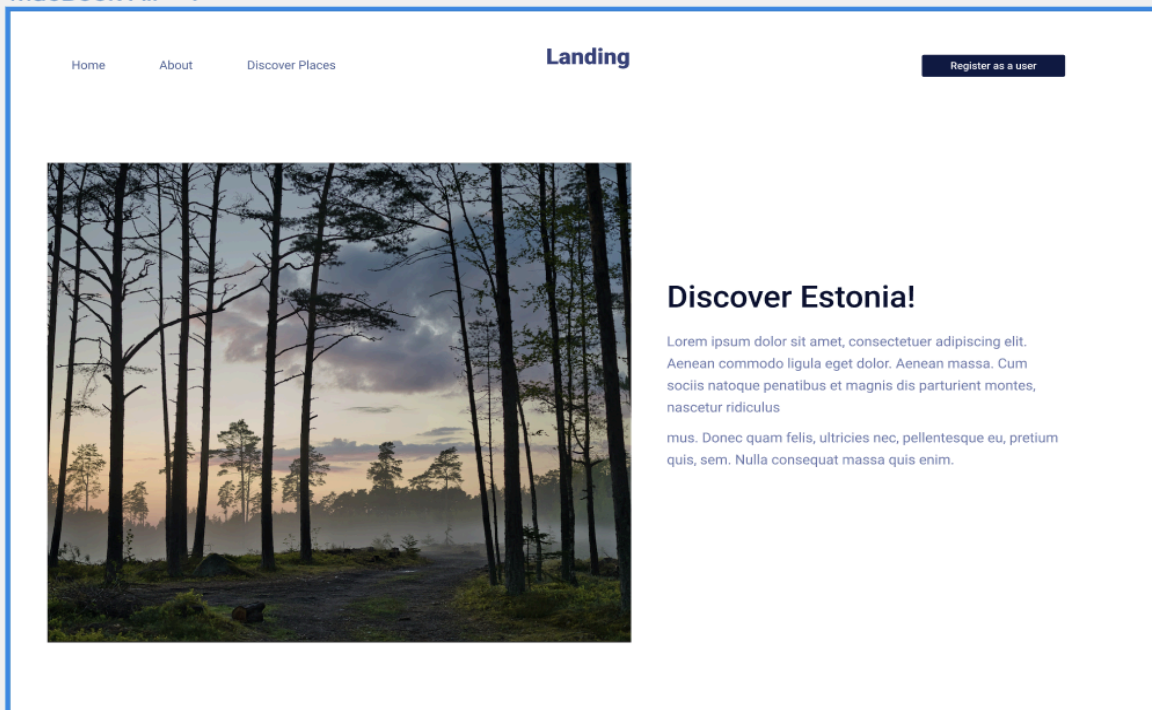
- Sorting (avg rating, rating count)
- Search function
- Adding pictures to reviews

Entity Relationship Diagram

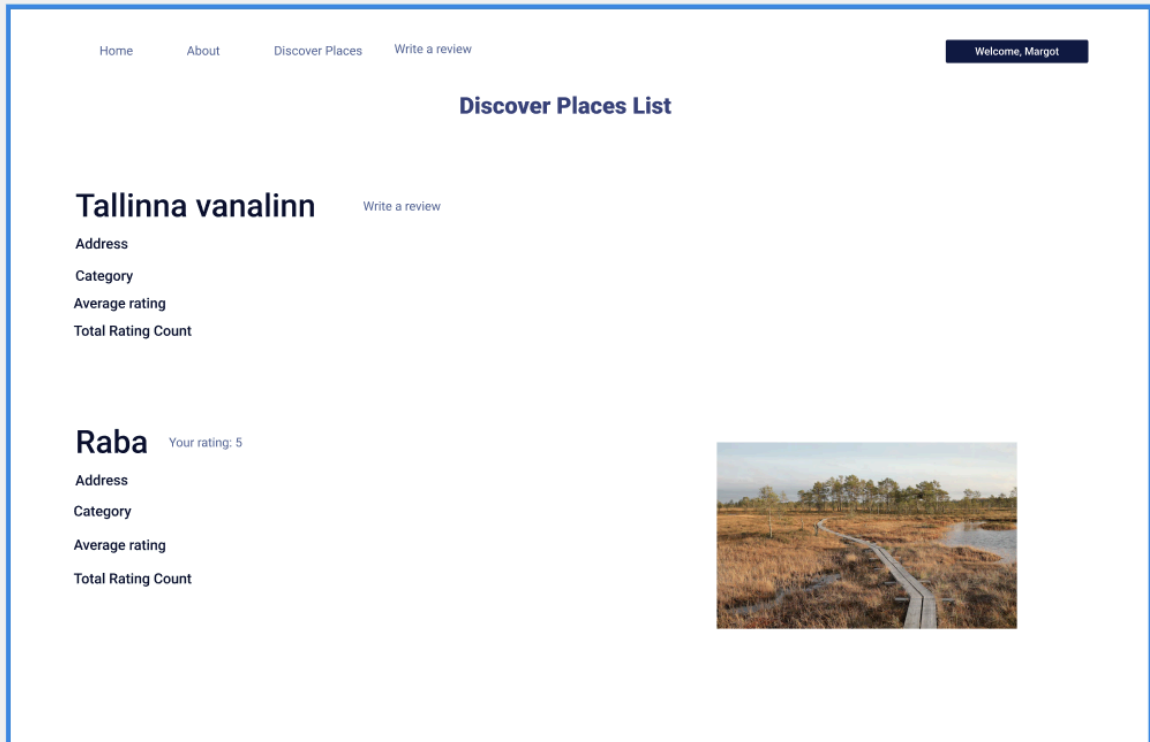


Main Positive Flows

MacBook Air - 1



MacBook Air - 2



Write your review

Place [Create a new Place](#)

Your Rating:

Your Review:

Tallinna Vanalinn

Tallinna vanalinn

[Write a review](#)

Address

Category

Average rating

Total Rating Count

Review:

[Show comments](#) [Write a comment](#)