

Blogbox

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PROJECT IN COURSE DAT076 BY:

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Introduction

Blogbox is a modern, easy-to-use platform for blogs. It is supposed to be used by people who want to have a place where they can collect all their blogs in one single site or people who want to read other peoples blogs.

Webpage Screenshot

18:57:26

Tip: Hold mouse over clock to see the date!

Blogbox

Log in or register

FILL IN YOUR INFORMATION BELOW

Name:

Password:

REGISTER NEW USER

LOGIN

BLOGLIST

Latest blogs

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http://localhost:8080/BlogBox/Main/ Wed Oct 23 2013 18:57:27 GMT+0200 (V. Europe Daylight Time)

User cases

We have two roles, registered and non-registered user. A non-registered user can only read blogs that registered users have created but cannot create own blogs or blog posts. A registered user on the other hand, can create multiple blogs and blog posts, and use all the features of the blog.

User Cases:

- Create a personal username with password security.
- Add as many blogs to my user as I want.
- Add as many blog posts as I want to each blog.
- Quick access to the index page by clicking the index button, and still be able to access my blog list with a button.
- Log out and create a new user not related to my old account.
- Latest blogs from the start page without being logged in.
- Button that lists all existing blogs without need for an account.
- Blog not vulnerable for hackers by modifying the URL.

Specifications

Presentation tier

Client – Web Browser, Servlets, XHTML, JQuery, JavaScript.

Logic tier

Server – Web Application, GlassFish server 3.1.2, Java 1.7, CDI beans, EJB.

Data tier

Database server – JavaDB (Derby)

Packages

Boundary – The Enterprise JavaBeans are responsible for the connection between the CDI beans and the database.

Entities – Defines the classes that should be persisted in the database. Each class has their own table in the database and are only connected via a generated id.

Presentation – Here are all the beans responsible for creating sessions and have getters and setter accessible for servlets in the presentation tier. There are two different kind of CDI beans, Create and View. Create beans is responsible for request scoped create operations on the database and view beans are responsible for storing current data for the client, such as the logged in user object.

Layers

Presentation layer

- Servlets
- XHTML
- Javascript

Logic layer

- Java
- CDI
- EJB

Data layer

- JavaDB

UML diagram

