BBM488 Web Services Laboratory
Assignment 1

Submission Date: 07.03.2018   **Due Date**: 21.03.2018

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Introduction

In this assignment you are expected to develop a simple web application. Servlet and JSP technologies must be used when performing the application. You are expected to use a "servlet filter" to solve security restrictions on your homework. In the assignment, the persistence of the data will be provided by a server-side session and an object defined in the application scope. In the application, data will be entered from the forms in the JSP pages.

Assignment

In your homework, you will perform a web-based **calendar** application.

The developed system must support the specified functions.

- The application will support the monotype user.

- More than one user can register

- Users will register using the registration page and set a username and password.

- Users will be able to log in to the application with their username and password.

- No operation can be performed before entering the system.

- The user will be able to enter and record the "title, location, description, start and end time" information of an activity after logging into the system.

- The added records will be stored in the session scope.

- The user will be able to share his / her own recordings with other users. Shared records will also be stored in the application scope and other users will be able to view these records.

- User can update event information.

- The user can delete the current activity record.

- Different users cannot change each other's records.
- The name of the application home page must be address.xhtml.

Report

In your report, the delivery content is reported below. Briefly explain the diagrams, you do not need to give extra information. List the literature you are using under the heading "bibliography".

- Use case diagram (includes each user function of the system)
- Class diagram
- Deployment diagram

Notes

- The deadline is 9:00 am on the morning of the lab. session.
- Project grading will be in the form of presentation.
- The projects will be submitted from the submit system.
- If the project was developed as a group, it should be mentioned in the report.
- You are responsible for the announcements made from the course piazza page. Please follow the page.
- The assignment must be **original**, group work. Duplicate or very similar assignments are both going to be considered as **cheating**.