



HACETTEPE UNIVERSITY

Web Services Laboratory Assignment Report

Names – Surnames: Alper Buğra EREN, Candaş NASIF

Student Numbers: 21327967, 21328232

Report Subject: Perform web-based calendar application. Understand Servlet and JSP technologies.

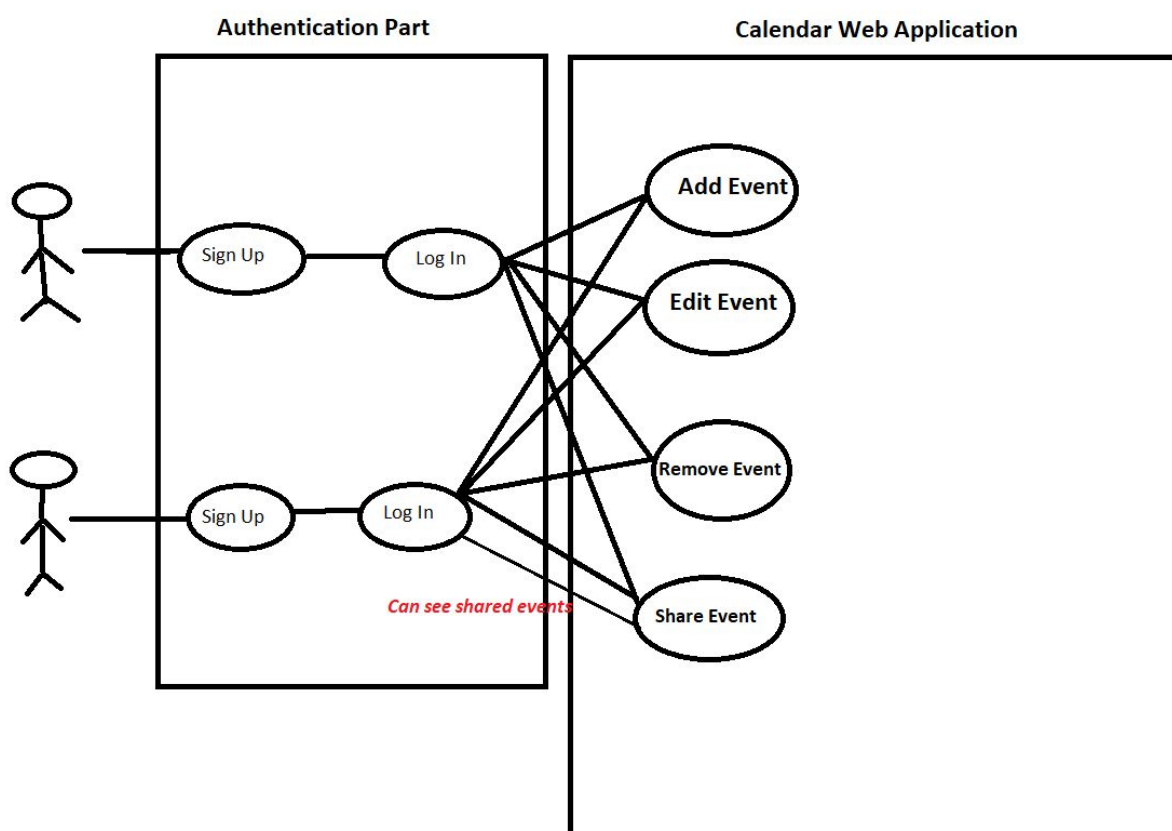
Due date: 21.03.2018

Instructors: TA Alaettin Uçan, TA Efsun Sezer

INTRODUCTION

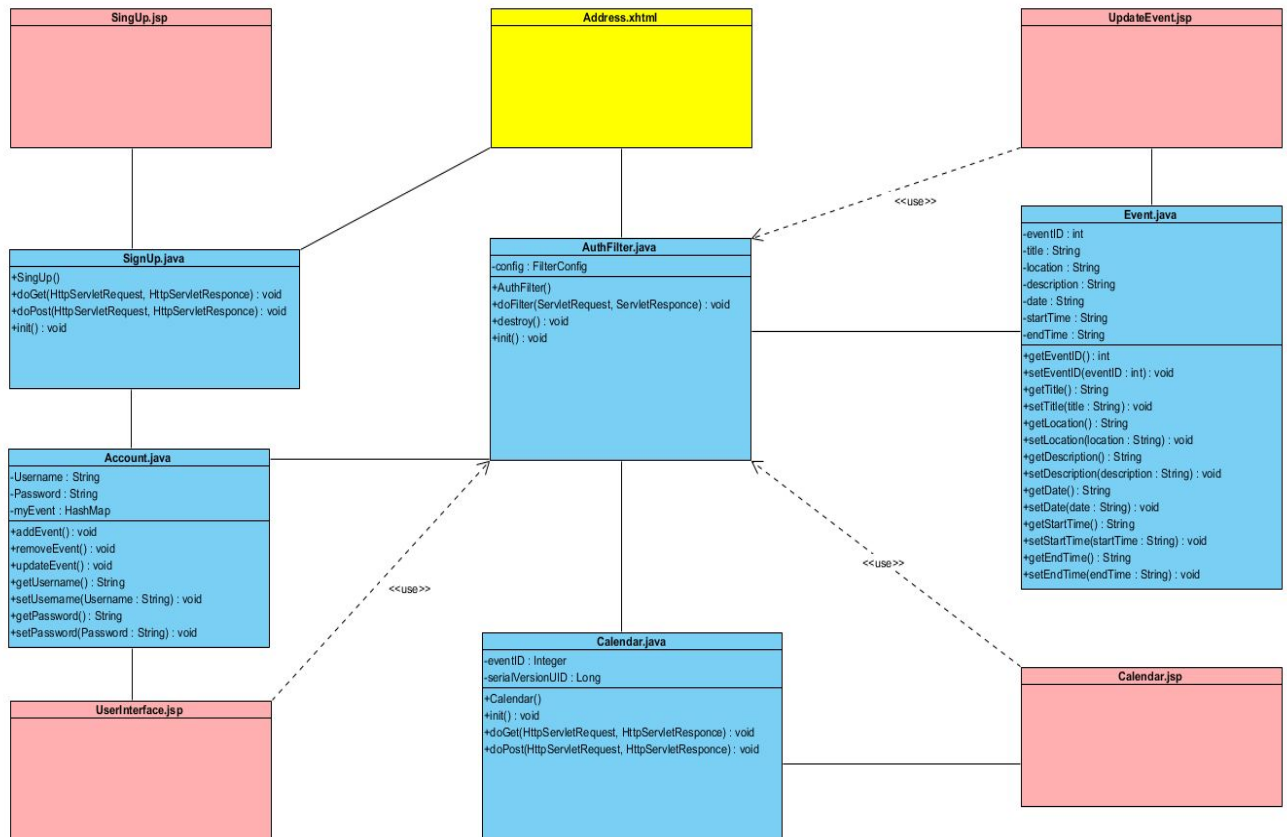
In this assignment we tried to develop a simple web application. We used Servlet and JSP technologies when performing the application. We use servlet filter to preserve our application. In our application, data enters from the forms in the JSP pages.

Use Case Diagram



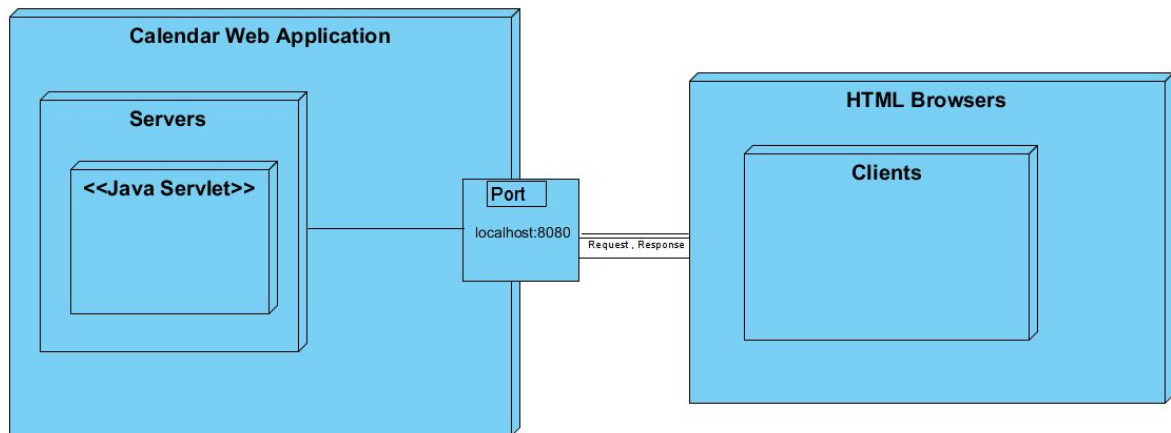
- Multiple user can register to the system.
- Only registered user can access to application.
- Application allowed monotype user registration.
- Every user can add event, edit event, remove event and share event.
- Other users can access shared events but cannot edit them.

Class Diagram



- Application starting with Address.xhtml.
- AuthFilter class provides authentication for access to pages.
- Calendar.java is our servlet. Most of controllers and operations doing here.
- In every open page, AuthFilter performs filter to prevent unwanted accesses. Because of that our jsp files use AuthFilter.java except SignUp.jsp.
- Datas, records are passing between classes and jsp files via sessions.

Deployment Diagram



- Application uses servlet as a server.
- Application running on localhost port:8080.
- Clients reach the application via HTML browsers.

References

- <https://stackoverflow.com/>
- https://www.tutorialspoint.com/jsp/jsp_session_tracking.htm
- <http://www.injavawetrust.com/servletsjsp/>
- <http://alicanakkus.com/2014/10/servletcontext/>
- <https://www.javatpoint.com/authentication-filter>
- Course slides