Navigation Menu

Background

GUI components currently used in the web application are as follows:

1. Twitter Bootstrap: Twitter Bootstrap has JavaScript and CSS components which can be rendered directly in a JSP. We have used it to create modular tables which highlights the hovered row. All the input components are overridden by the Bootstrap CSS. The buttons and links used use the bootstrap CSS classes.

2. JQuery UI: JQuery UI template was used to create the different tabs that is the Home, Project, Context and Policy.

3. JQuery: JQuery was used to display contents using AJAX to render the contents of all the different tabs.

The above mentioned changes are with respect to the view and layout. Apart from that, a number of JavaScript functions have been defined to enforce the application features to display pop-ups, submit forms to add user, app and update project and context and policy, enforce rules for entering values in the input forms, etc. This was done using simple JavaScript along with JQuery.

Use Case

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Activity	Analysis		
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Brief Description

This use case is an extension of the existing navigation menu throughout all pages of the application.

ClubUML

| Home | Project | Context | Policy |

Actors

User: The user is the actor who navigates throughout all pages in the application using the different tabs Home, Project, Context and Policy.

Preconditions

User must have successfully logged in to the application.

Basic Flow of Events

1. The user is directed to the application welcome page, which displays a list of the projects that have been defined in the application in the Project tab (default).

2. The user selects a pre-existing Project or can "Add Project".

3. The user clicks on the Project he wishes to work on.

4. The redirected to the Project Display (Navigation menu still present)

Class Diagrams

| Home | Project | Context | Policy |

5. The user can upload diagram(s) to Display its content. If two diagrams are uploaded:

   5.1. The user chooses to Compare two diagrams uploaded

   OR

   5.2. The user chooses to Merge two diagrams uploaded

   OR

5.3. The user chooses to navigate away from the current screen via:

    5.3.1. Home

    5.3.2. Project

    5.3.3. Context

    5.3.4. Policy

6. The user decides to Compare two diagrams uploaded and is directed to the Compare screen

Compare Diagrams

Home   Project   Context   Policy

6.1. The user chooses to Compare two diagrams selected

OR

6.2. The user chooses to navigate away from the current screen via:

    6.2.1. Home

    6.2.2. Project

    6.2.3. Context

    6.2.4. Policy

7. The user proceeds to click "Compare" and is directed to the Diagram Promote screen

Promote Diagram

Home   Project   Context   Policy

7.1. The user can click "Return" to go back to the Project Display screen

OR

7.2. The user chooses to navigate away from the current screen via:
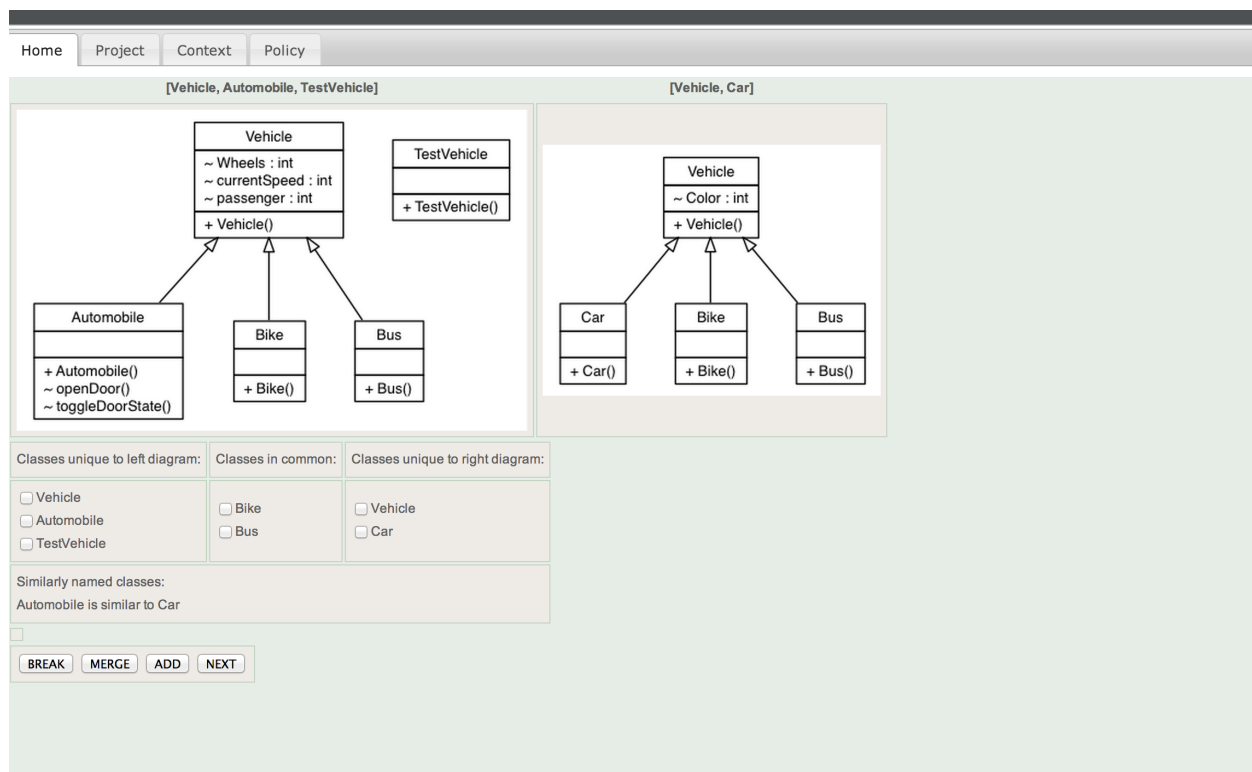
    7.2.1. Home

    7.2.2. Project

7.2.3. Context

7.2.4. Policy

Alternative Flows

In step 5 of the basic flow the user decides on step '5.2 The user chooses to Merge two diagrams uploaded'

8. The user decides to Merge two diagrams and is directed to the Merge screen

8.1. The user can can click 'Break', 'Merge', 'Add', or 'Next'

OR

8.2. The user chooses to navigate away from the current screen via:

8.2.1. Home

8.2.2. Project

8.2.3. Context

8.2.4. Policy

Key Scenarios

Both basic and alternative flow of events

Post-conditions

1. Successful display of the navigation menu across all screens

2. Successful navigation back to the rendered content in the Home, Project, Context, and Policy tabs

Failure Condition

Navigation Menu does not display in one screen

Menu link does not direct the user back the LoginServlet page

Special Requirements

None

Source Code Location

ClubUML > WEB-INF contains all .JSP files and and web.xml used for the existing navigation menu