COIT13235 Enterprise Software Development

Team-based Project

The End-user Manual and Test Instruction

Table of Contents

**GlassFish Configuration Setup**

1. Creating a JDBC Connection Pool3
2. Creating a JDBC Resource4

**MySQL Configuration Setup**

1. Creating a MySQL Connection6
2. Creating a Schema7

**Running the Application on NetBeans**

1. Resolving Error8
2. Running the Application8-13

* Creating a property, manager, and allocation
* Listing properties, manager, and allocation
* View Details
* Search a property, manager and allocation

**GlassFish Configuration Setup**

1. Creating a JDBC Connection Pool

Click JDBC -> JDBC Connection Pools

Graphical user interface, application

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Create a new pool (Resource type and Database driver vendor should be java.sql.Driver and MySql) -> Click Next

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In the property section, add a property named “useSSL” and type “false” in the value section. If you have set MySQL username and password, put that information into the corresponding properties. User, password and URL must be demonstrated in the persistence file on NetBeans.

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Description automatically generated with medium confidence

Persistence.xml

Text

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1. Creating a JDBC Resource

Click JDBC -> JDBC Resources

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Create a new resource (JNDI Name must be the same as jta data source in the persistence file and select the corresponding pool name)

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Persistence.xml

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**MySQL Configuration Setup**

1. Creating a MySQL Connection

Create a connection (Hostname, Username and Password must be the same as in the persistence file).

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1. Creating a Schema

Create a schema (Name must be the same as in the persistence file)

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**Running Application on NetBeans**

1. Resolving Error

Open the provided project (Assignment3). Once the project is added, you may see an error message saying missing server if a server has not been added. Right click the project and select “Resolve Missing Server Problem” and then add GlassFish Server.

Graphical user interface, text, application, chat or text message

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2. Running the application

Graphical user interface, text, application

Description automatically generated

Once you run the programme, it will open a browser showing the index page where you can create, list, search properties, manager and allocation.

Graphical user interface, text, application

Description automatically generated

Creating properties, manager, and allocation

To create property and manager, type in all details and click the “create” button. To create allocation, select a manager and property that you want to allocate with the manager (each manager can have multiple allocations).

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Graphical user interface, text, application

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Listing properties, manager, and allocation

Table

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Table

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Table

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Graphical user interface, text

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View Details

Click “View Details” link on the listing page to see the details of a property.

Table

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Graphical user interface, text, application, email

Description automatically generated

Search a property, manager, and allocation

Click the corresponding search page and type a property ID, manager ID, allocation ID to search.

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