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| **HOA LAC** | **COMPUTER FUNDAMENTAL DEPARTMENT** |

**PRACTICAL EXAM**

**Code Question:**

**«TT»**

BLOCK 1 – SUMMER 2016

BD14997_18/06/2016

##### SUBJECT: Web-Based Java Applications (PRJ321)

**Duration: 85 minutes**

BD14997_

**Student Information**

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| Name: |  | Roll number: |  |
| Room No: |  | Class: |  |

BD14997_

**For STAFF only**

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| **mark** | **marked by**  **(name and signature)** |

**Signature of Proctor**

**BD14997_**

**INSTRUCTIONS**

**Please read the instructions carefully before doing the questions.**

* You can use materials in your computer, notebook and text book.
* While doing the PE exam, you **must disconnect your computer from a network**.
* You are **NOT allowed** to use any device to share data with others.
* You must use **NetBeans IDE 8.x, MSSQL Server 2008 or above and GlassFish Server 4.1.1** for your development tools.

Beside the above conditions, students must follow the following requirements**:**

0. Students have to copy **PRJ321 for students.zip** to your computer and use it. It is located on:

[**\\FSTU\Khao\_Thi\03\_Exam\_Online**](file:///\\FSTU\Khao_Thi\03_Exam_Online)

1. Create a folder named **RollNo\_Name \_CLASS\_PRJ321 (0) ,** e.g.SE05051\_LongNT \_SE1111\_PRJ321.
2. Under the folder **(0)**, create a web application named “finalXXX” **(1)**, replace XXX by your student id, e.g finalSE01234.
3. Copy given file **DBContext.java** (3) to source package (**src\java**) under folder (1). You might need to use and name a java package for (3), free to set the name of package.
4. You **MUST** use **DBContext.java** for your all database connection. Update your database connection string by filling values for instance variables in this class. **DO NOT** edit getConnection method.
5. All extra libraries (if needed) must be used by availables netbeans libraries only.
6. On completion, compress the whole folder **(0)** with the same name in ZIP or RAR format and copy the compressed file to:

[**\\FSTU\Khao\_Thi\04\_Nop\_Bai\_Thi\PRJ321**](file:///\\FSTU\Khao_Thi\04_Nop_Bai_Thi\PRJ201_15.11\ROOM)**\_18.06\ROOM <Your room>**

Ex: you’re in Room 310 => copy your compressed file to

[**\\fstu\Khao\_Thi\04\_Nop\_bai\_thi\PRJ321\_18.06\ROOM**](file:///\\fstu\Khao_Thi\04_Nop_bai_thi\CSD201_13.11\ROOM) **310**

* The zero will give to the student who does not submit web application with your all source code files or does not meet all above requirements.