

Date Picker and Excel Export Function

Prepared by:

Bolisay, Karlo Cris G.

Instructor I – Management Information Systems Office

Department of Information Technology

Step 1: Create the Database

1. Open **phpMyAdmin** in your browser.
 2. On the left panel, click **New**.
 3. Enter the database name: todolist_db.
 4. Click **Create**.
-

Step 2: Create the Notes Table

1. Click on your new database todolist_db.
2. Click **Create table**.
3. Enter the table name: **tbl_notes** and **3 columns**.

Column Name	Type	Length/Values	Extra
id	INT	-	AUTO_INCREMENT, PRIMARY KEY
note	VARCHAR	255	-
date	DATE	-	-

4. Click **Save**.
-

Step 3: Set Up the Project in NetBeans

1. Open **NetBeans** → create a new Java project: *DatePickerSample*.
 2. Inside your project folder, create a folder named **libraries**.
 3. Copy these files into **libraries** from the included **lib** folder:
 - mysql-connector-j-8.4.0.jar
 - jcalendar-1.4.jar
 - All JARs from the *apache-poi* folder (for Excel export)
-

Step 4: Add Libraries to Project

1. Right-click your project → **Properties** → **Libraries** → **Add JAR/Folder**.
 2. Go to Classpath and click then plus (+) icon.
 3. Browse **project folder** → **libraries** and select all JAR files you copied.
 4. Click **OK** to confirm.
-

Step 5: Add JDateChooser to Swing Palette

1. Open the **Palette** panel in NetBeans.
 2. Right-click → **Palette Manager** → **Add from JAR**.
 3. Select jcalendar-1.4.jar from **libraries** folder.
 4. Choose all options then click **Next**.
 5. Select **Swing Controls**, click **Finish**, then **Close**.
 6. Now **JDateChooser** is available in your Swing controls.
-

Step 6: Design the Front-End

1. Open the GUI form (JFrame).
 2. Drag and drop components for your To-Do app.
 3. For the date field, drag **JDateChooser** from the palette.
 4. Add fields and buttons for CRUD operations: **Add, View, Delete, Export**.
-

Step 7: Implement CRUD Methods

1. Open the **Source** view of the form.
2. Add the methods (you can copy/adapt from the provided project):
 - o `getNote()` → retrieve notes from `tbl_notes`.
 - o `addData()` → insert new notes.
 - o `exportData()` → export notes to Excel using Apache POI.