**Hands on Exam**

The Department is tasked with monitoring the suspected drug personalities in the country. To aid in this endeavor, an information system shall be created to allow aggregation of data from the 17 regions in the country. Below are the requirements of the said system.

|  |  |
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| **Requirements** | **Status of Completion** |
| 1. **Data Entry** |  |
| * 1. Personal Information |  |
| * + 1. Name |  |
| * + 1. Age |  |
| * + 1. Sex |  |
| * + 1. Address |  |
| * + 1. Contact Information |  |
| * + 1. Status |  |
| * + - 1. Under Investigation |  |
| * + - 1. Surrendered |  |
| * + - 1. Apprehended |  |
| * + - 1. Escaped |  |
| * + - 1. Deceased |  |
| * + 1. Date Created |  |
| * + 1. Date Updated |  |
|  |  |
| * 1. LGU Information |  |
| * + 1. Population (data entry) |  |
|  |  |
| * 1. Search |  |
| * + 1. Search by date of birth |  |
| * + 1. Last name or first name |  |
|  |  |
| 1. **Report Generation** |  |
| * 1. Masterlist of Personal Information |  |
| * 1. Statistics |  |
| * + 1. Total number of encoded personal information by status |  |
| * + 1. Ratio per status against population |  |
| * + 1. Disaggregate by age bracket (0-12, 13-18,19-25, 26-35, 36-50, 51-65, 65 and above) |  |

Guide notes:

1. Develop the information system using PHP and MySQL/MariaDb for the database.
   1. For those without any dev tools installed, you may download at <https://www.apachefriends.org/xampp-files/7.2.28/xampp-windows-x64-7.2.28-0-VC15-installer.exe>
2. 3 database tables are provided. They are what we call the Philippine Standard Geographic Codes. Each Local Government Unit has one code assigned to it. This is essential because it allows for easy referencing of data for a particular LGU. The use of these codes is a must.
3. Review the required data elements to properly design the structure of your database.
4. Reports by default are nationwide and they must be able to filter by Region, Province or City/Municipality
5. Once finished, forward the source code in “.rar” format (zips are rejected in the email) observing the following:
   1. Filename – firstname\_lastname\_yyyymmdd.rar
   2. Inside the Database folder, place the sqldump file.
   3. The sqldump should contain at least 10 records.
   4. Accomplish the table above reflecting the features made in the system.