

HIGHER EDUCATION PROGRAMMES

Academic Year 2020:	July - December
Summative Assessment 1:	Systems Development 3
	(HSYD3161)
NQF Level, Credits:	7, 30
Weighting:	50%
Assessment Type:	Open Book
Educator:	S. Maduveko
Examiners:	S. Maduveko
Due Date:	16 November 2020
Total:	70 marks

Instructions:

Part 1:

- 1. Develop an application using PHP, JavaScript, HTML, CSS and MySQL
- 2. Zip the folder that contains your application files
- 3. Zip the database file(s)
- 4. Use the mark allocations in the answer sheet as a guide.

Part 2:

Retrieve the Word Answer Sheet document.

- 1. Answer ALL the questions in the spaces provided in answer sheet
- 2. Document your system in the space provided in the answer sheet including the user documentation, which ensures that your application is usable.
- 3. Save the document i.e. "Answer Sheet" as a pdf file

Part 3:

1. Upload the application zip file, database zip file AND the pdf answer sheet document to Col Campus

Part 1:

The company you work for has a staff of three hundred and fifty and most of them have direct lines. As a project manager, you want to have quick access to the contact details of all staff and other people as you may need to contact them for project work or other engagements. Contact may be private or business contacts. You have decided to develop a web based application that keeps contact details on a database. The application must have administration privileges for what you consider high security functions and simple routines for the addition, retrieval, editing and deletion of contacts.

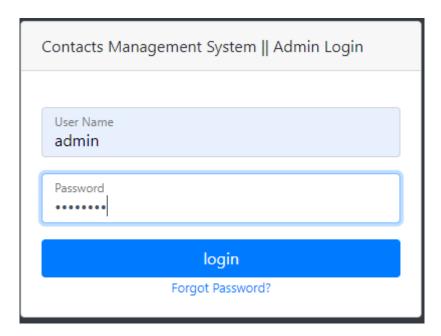
Required:

- Develop an online CONTACTS MANAGEMENT SYSTEM using PHP, HTML, CSS, JavaScript, JQuery and MySQL to provide easy way to manage contacts as described in the scenario above i.e. add news contacts, retrieve and list contacts, edit and update contacts, and delete contacts
- 2. Use a MySQL to store data in this application

HINTS:

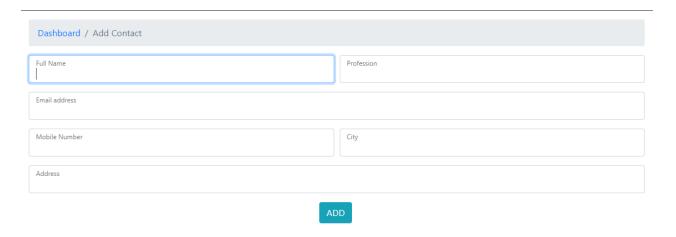
- Use a Password log in routine, Menus, Buttons etc. in your GUI to simplify user interaction with the system.
- The Username for the system must be "Myuser" and the password must be "SA1@123"
- For consistency, use CSS stylesheets to define common interface features such as color, fonts and menus
- Use the following Interface suggestions to guide your design. You are not limited to the interfaces shown here.

1. Login Screen:

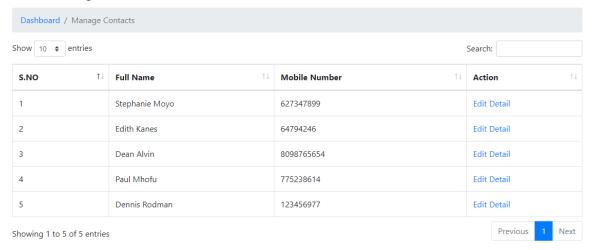


HINT: The password must not display on the screen.

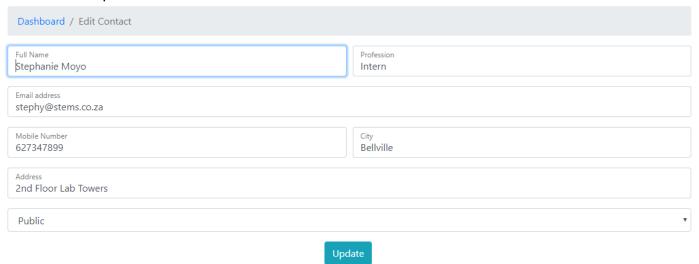
2. Add Contact



3. List / Manage Contacts



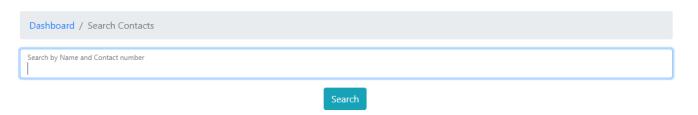
4. Edit / Update Contact

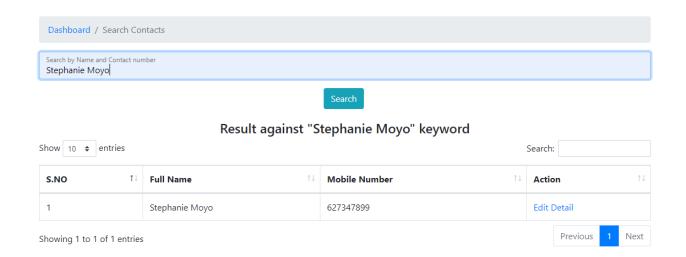


N.B. A contact may be changed from private to business or vice-versa using the drop down list control.

5. Search Retrieve

Contacts information may be accessed using their name or number.

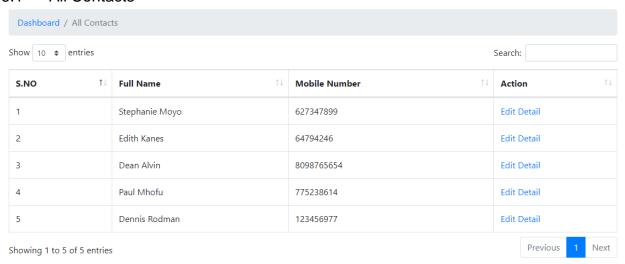




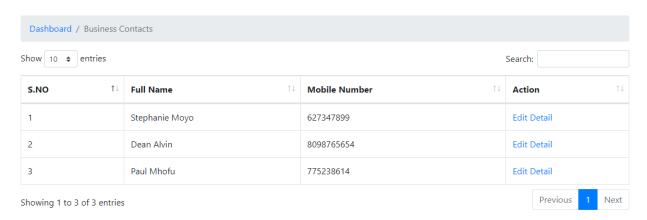
6. Summary Reports

Your application must be able to list contacts as follows:

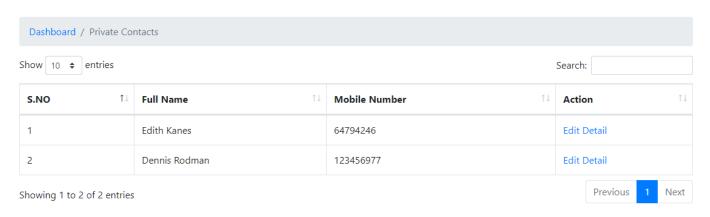
6.1 All Contacts



6.2 Business Contacts



6.3 Private Contacts





DECLARATION ON PLAGIARISM

NAME:
SURNAME:
STUDENT NUMBER:
SUPPORT CENTRE:
MODULE CODE:
TITLE OF FOLDER:
This Form should be completed by the student and appended to any piece of work that is submitted for this summative assessment. The following defines plagiarism:
"Plagiarism" occurs when a student misrepresents, as his/her own work, the work, written or otherwise, of any other person (including another student) or of any institution and includes the deliberate and detailed presentation of another's concept as one's own." "Another's work" covers all material, including, for example, written work, diagrams, designs, charts, musical compositions and pictures, from all sources, including, for example, the internet, journals, textbooks and essays.
STUDENT DECLARATION : I confirm that I have read and understood the above definitions of plagiarism. I confirm that I have not committed plagiarism when completing the attached piece of work. I confirm that this is my own work.
SIGNATURE: DATE: / /