



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:

1. 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 new 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:

Contacts Management System || Admin Login

User Name
admin

Password
.....

login

[Forgot Password?](#)

HINT: The password must not display on the screen.

2. Add Contact

Dashboard / Add Contact

Full Name
|

Profession

Email address

Mobile Number

City

Address

ADD

3. List / Manage Contacts

Dashboard / Manage Contacts

Show 10 entries Search:

S.NO	Full Name	Mobile Number	Action
1	Stephanie Moyo	627347899	Edit Detail
2	Edith Kanes	64794246	Edit Detail
3	Dean Alvin	8098765654	Edit Detail
4	Paul Mhofu	775238614	Edit Detail
5	Dennis Rodman	123456977	Edit Detail

Showing 1 to 5 of 5 entries

Previous 1 Next

4. Edit / Update Contact

Dashboard / Edit Contact

Full Name
Stephanie Moyo

Profession
Intern

Email address
stephy@stems.co.za

Mobile Number
627347899

City
Bellville

Address
2nd Floor Lab Towers

Public

Update

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.

Dashboard / Search Contacts

Search by Name and Contact number

Search

Search by Name and Contact number
Stephanie Moyo

Search

Result against "Stephanie Moyo" keyword

Show 10 entries

Search:

S.NO	Full Name	Mobile Number	Action
1	Stephanie Moyo	627347899	Edit Detail

Showing 1 to 1 of 1 entries

Previous 1 Next

6. Summary Reports

Your application must be able to list contacts as follows:

6.1 All Contacts

Show 10 entries

Search:

S.NO	Full Name	Mobile Number	Action
1	Stephanie Moyo	627347899	Edit Detail
2	Edith Kanes	64794246	Edit Detail
3	Dean Alvin	8098765654	Edit Detail
4	Paul Mhofu	775238614	Edit Detail
5	Dennis Rodman	123456977	Edit Detail

Showing 1 to 5 of 5 entries

Previous 1 Next

6.2 Business Contacts

[Dashboard](#) / Business Contacts

Show entries Search:

S.NO	Full Name	Mobile Number	Action
1	Stephanie Moyo	627347899	Edit Detail
2	Dean Alvin	8098765654	Edit Detail
3	Paul Mhofu	775238614	Edit Detail

Showing 1 to 3 of 3 entries Previous **1** Next

6.3 Private Contacts

[Dashboard](#) / Private Contacts

Show entries Search:

S.NO	Full Name	Mobile Number	Action
1	Edith Kanes	64794246	Edit Detail
2	Dennis Rodman	123456977	Edit Detail

Showing 1 to 2 of 2 entries Previous **1** Next



DECLARATION ON PLAGIARISM

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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.*

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