# Faculty of Information Technology

**SUBJECT NAME:  INTERMEDIATE WEB DEVELOPMENT**
**SUBJECT CODE:  IPG 521**

I declare that I am familiar with, and will abide to the Examination rules of CTU

_____
**Signature**

**Formative Assessment 3**

**Duration**:

**Date**: -

**Total Marks**: 100

**Total pages**:  5

**Examiner**:  Mr. Isaac L
**Moderator:** Mrs. Lindeka M

**Student number**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**Surname**:

**Initials**:

/     %

## Instructions:

- Recall to keep a copy of all submitted assignments.
- All work must be typed using Microsoft Word and convert the word document to PDF before uploading to COLCampus.
- Kindly note that you will be evaluated on your writing skills in all your assignments.
- Negative marking will be applied if you are found guilty of plagiarism, poor writing skills or if you have applied incorrect or insufficient referencing.
- Each assignment must include a cover page, table of contents and full bibliography, based on Harvard referencing style.
- Students are not allowed to offer their work for sale or to purchase the work of other students. This includes the use of professional assignment writers. If this should happen, CTU training Solutions reserves the right not to accept future submissions from a student.
- Spelling, style, fonts, font size, line spacing

  - Please copy the questions onto your answer sheet (single space the questions), and make sure to use numbers to indicate the answers to each question.
  - Always use a spell checker before you submit assignments! We reserve the right to deduct point for each obvious misspelling.
  - Always double-space your answers.
  - Please use Arial (or Calibri (Body)), 12 point as the font for your assignments. Certain fonts have been known not to come across in the PDF files.
  - Use only black or blue font face colors. Do not use red!

**Question 1**                                                             **100 MARKS**

CTU Training Solutions has tasked you to create a capturing system for their facilitators, using ASP.NET MVC5. The system should allow the facilitator to add a new student to the system, Edit the details of the students when needed, show the details of each student and delete a student once they drop out or de-register. They have asked to use their CTU colours (marron and light grey), together with their logo. All the information must be stored, retrieved and updated on SQL database.
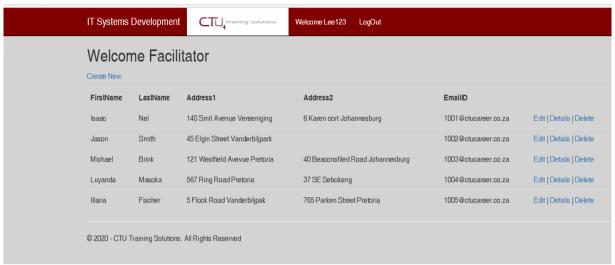
- Create appropriate models and connect it to your database (SQL).
- Allow facilitators to Register, upon successful Login they can manipulate the system.
- Create appropriate controllers that will communicate to the model and the view.
- Create appropriate views that displays as illustrated.
- Create 5 new students

Sample Output

IT Systems Development | CTU training solutions | Welcome Lee123 | LogOut

## Welcome Facilitator

Create New

| FirstName | LastName | Address1 | Address2 | EmailID | | |
|---|---|---|---|---|---|---|
| Isaac | Nel | 140 Smit Avenue Vereeniging | 6 Karen cort Johannesburg | 1001@ctucareer.co.za | Edit | Details | Delete |
| Jason | Smith | 45 Elgin Street Vanderbiljpark | | 1002@ctucareer.co.za | Edit | Details | Delete |
| Michael | Brink | 121 Westfield Avevue Pretoria | 40 Beaconsfiled Road Johannesburg | 1003@ctucareer.co.za | Edit | Details | Delete |
| Luyanda | Masoka | 567 Ring Road Pretoria | 37 SE Sebokeng | 1004@ctucareer.co.za | Edit | Details | Delete |
| Illaria | Fischer | 5 Flock Road Vanderbiljpak | 765 Parken Street Pretoria | 1005@ctucareer.co.za | Edit | Details | Delete |

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IT Systems Development | CTU training solutions | Welcome Lee123 | LogOut

## Edit
### Students

| FirstName | Isaac |
|---|---|
| LastName | Nel |
| Address1 | 140 Smit Avenue Vereeniging |
| Address2 | 6 Karen cort Johannesburg |
| EmailID | 1001@ctucareer.co.za |

Save

Back to List

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IT Systems Development     CTU training solutions     Welcome Lee123     LogOut

# Details
## Students

| | |
|---|---|
| **FirstName** | Isaac |
| **LastName** | Nel |
| **Address1** | 140 Smit Avenue Vereeniging |
| **Address2** | 6 Karen cort Johannesburg |
| **EmailID** | 1001 @ctucareer.co.za |

Edit | Back to List

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IT Systems Development     CTU training solutions     Welcome Lee123     LogOut

# Delete
## Are you sure you want to delete this?
### Students

| | |
|---|---|
| **FirstName** | Michael |
| **LastName** | Brink |
| **Address1** | 121 Westfield Avevue Pretoria |
| **Address2** | 40 Beaconsfiled Road Johannesburg |
| **EmailID** | 1003@ctucareer.co.za |

Delete | Back to List

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**Completed Declaration of Authenticity**

I Brandon Jason de Bruyn _____ hereby
                              (FULL NAME)

declare that the contents of this assignment _IPG521 FA1_____ is entirely my
own work except for the following documents: (List the documents and page numbers of
work in this portfolio that were generated in a group)

| Activity | Date |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |

Signature: _____ Date: _____