




**CTU** training solutions

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Faculty of Information Technology									
<p>I declare that I am familiar with, and will abide to the Examination rules of CTU</p>           <p>Signature</p>	<p align="center"><b>SUBJECT NAME: ADVANCED PROGRAMMING</b></p> <p align="center"><b>SUBJECT CODE: PRG522</b></p>								
	<p><b>Summative Assessment</b></p> <p><b>Duration:</b></p> <p><b>Date: -</b></p> <p><b>Total Marks: 70</b></p> <p><b>Total pages: 5</b></p>					<p><b>Examiner:</b> Mr. Isaac L</p> <p><b>Moderator:</b> Mr. Alfred</p>			
	<p align="center"><b>Student number</b></p>								
	<p><b>Surname:</b></p>					<p><b>Initials:</b></p>		<p align="center">/</p>	

**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

70 MARKS

You must take visible screenshots of each activity completed. There is a Table of contents at the end of this assignment which all students should follow and include in the final submission. **Using your credentials, to login to dev.azure.com**

### Question 1.1

(10 marks)

Create an organisation named **"ALF CONSULTING SERVICES"**. Inside the organisation created above, create a project called **"Customer Service"**

Navigate to the project settings and provide a detailed description of the project. To be specific enter the following text as the project description.

*This customer service system is a configuration of technology and organizational networks designed to deliver services that satisfy the needs and aspirations of customers.*

### Question 1.2

(20 marks)

Keeping in mind that **DevOps** brings together people, processes and technology, create three (3) teams in your project:

1. Development Team
2. Operations Team
3. Testing Team

Add **4** members to the *Development Team*, **5** members to the *Operations Team* and **2** members to the *Testing Team*.

*The Team members may be your classmates in this case. Use their student numbers or e-mail addresses to invite them.*

### Question 1.3

(15 marks)

Change the permissions of the Development Team *only* to allow/deny the following:

#### Property

#### Setting

Delete team project

Deny

Edit project-level information

Allow

Manage project properties

Allow

Rename team project	Deny
Suppress notifications for work item updates	Allow
Update project visibility	Allow
View project-level information	Allow

#### Question 1.4

(15 marks)

Navigate to the Azure boards and add the following work items (tasks)

1. Configure the Development environment
2. Update the EULA file
3. Update all the help files

Your report should include a dynamic table of contents as shown on the next page:

#### Table of contents

(10 marks)

Title	Page
Question 1.1.....	
Organisation.....	
Project.....	
Project description.....	
Question 1.2.....	
Teams.....	
Development Team.....	
Operations Team.....	
Testing Team.....	
Question 1.3.....	
Project permissions.....	
Question 1.4.....	
Work items.....	

**Completed Declaration of Authenticity**

I Brandon Jason de Bruyn hereby  
(FULL NAME)

declare that the contents of this assignment PRG522 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: 04/08/2021