

Assignment Feedback Form

Student Name/ID/Section	Abdelkareem Soubar 19110022		
HTU Course Title and	Systems Programming 30201401		
BTEC Unit Code, Title			
Assignment Number	1	Assessor	Dr. Ahmad Barghash
Submission Date	February 3 rd , 2022	Date Received 1st submission	February 3 rd , 2022
Re-submission Date		Date Received 2nd submission	

Ongoing formative feedback from assessor:

The student did not attend most of the formative sessions during the semester and submitted only two tasks of the required tasks on time. During the formative sessions, he was able to describe how OS-controlled resources are shared among processes of different purposes, define a certain project idea and develop the interface (GUI). Also, Abdelkareem showed a good level of understanding and participated in the lecture and the practical sessions.

Assessor feedback for summative assessment:

General Feedback

The student had a weak presentation of his project and was unable to explain many functionalities of the code he submitted. The student was unable to report the correct role of process in the distribution of shared resources. Additionally, the system requirements he submitted are not related to this lecture but the lecture of database programming. Moreover, the report he provided is not professionally written nor organized and lacks many major components of the assignment.

Strength of Performance

The student was able to:

- Implement a system component to distribute different tasks among the available threads.
- Implement a client-server system component to handle UDP/TCP communications.
- Implement a usable interface to handle the developed system components.

Limitation of Performance:

- Describe how OS-controlled resources are shared among processes of different purposes.
- Design a multi-component system project to handle a defined problem statement and consider user and system requirements.
- Implement a system component that can handle process creation and redirection targeting file and memory operations.
- Implement a system component that applies shell scripts to control file permissions, advanced regular expression searches, and inter-process communication.
- Analyze -with aid of a diagram- the communication ability of different sub-components in your system.
- Discuss the usage of shell scripting in comparison with C language in terms of system services.
- Discuss the results of the thread management component and report other possible parallization techniques.
- Update the communication component to distribute concurrent communications among available threads.
- Evaluate the effectiveness of the design and the developed component in terms of user requirements.
- Evaluate the effectiveness of the shell component in terms of user requirements.
- Critically evaluate the functionality, interface design, and ability to handle concurrent tasks in terms of user requirements.

Grade: U

Assessor Signature: Dr. Ahmad Barghash

13th Feb, 2022

Resubmission Feedback (if required):

Grade:

Assessor Signature:

Date:

CRITERIA (To be filled before resubmission)

<u>P1</u> <input type="checkbox"/>	<u>P2</u> <input type="checkbox"/>	<u>P3</u> <input type="checkbox"/>	<u>P4</u> <input type="checkbox"/>	<u>P5</u> <input checked="" type="checkbox"/>	<u>P6</u> <input checked="" type="checkbox"/>	<u>P7</u> <input checked="" type="checkbox"/>	<u>Final Grade</u>
<u>M1</u> <input type="checkbox"/>	<u>M2</u> <input type="checkbox"/>	<u>M3</u> <input type="checkbox"/>	<u>M4</u> <input type="checkbox"/>	<u>D1</u> <input type="checkbox"/>	<u>D2</u> <input type="checkbox"/>	<u>D3</u> <input type="checkbox"/>	<u>U</u>

STUDENT DECLARATION:

I certify that the formative and summative assessments for this assignment have been fully explained and understood by me, I also do understand that the grade above is simply a recommendation that could later be changed during any of the verification processes.

Student Name:

Student Signature:

Date: