United International University (UIU)

Department of Computer Science & Engineering

Exam: Final, **Trimester:** Summer 2020, **Section:** B
Course Code: CSI 322, **Course Title:** Software Engineering Lab
Total Marks: 25, **Duration:** One hour

- **Please answer all the questions.**
- **Please collect all the screenshots of all the questions in a single DOCX file and then upload the DOCX file to ELMS. Please maintain proper sequence of screenshots in the DOCX file.**
- **Any examinee found adopting unfair means will be expelled from the trimester / program as per UIU disciplinary rules.**

Question # 1:   [Full marks: 10]

- Folder
    - In the "htdocs" folder of XAMPP, please create a "new folder".
    - Name of the "new folder" created by you, should be your "student ID".
    - Please copy-paste all the provided source code for CRUD in this "new folder".
    - Please modify only the code for "read" function.
      (Create, update, delete functions of CRUD are not required to implement)
- Database
    - Name of the database, should be your student ID.
- Table
    - Name of the fields of the table (in database) should be parts of your "full name".
    - For example, if your "full name" is "Muhammad Abdullah", then the table (in database) should have two fields: field # 1: "Muhammad" and field # 2: "Abdullah"

Please follow all the following steps (including corresponding sub-steps, as per file **ngrok.pdf** in the "Lectures" folder for CSI322, provided in Google Drive):
1. Install XAMPP
2. Run XAMPP
3. Setup code for CRUD
4. Install ngrok
5. Visit localhost and CRUD through ngrok

Question # 2:   [Full marks: 15]

In the cPanel based hosting account provided to you, please follow these steps:

1. Please create a subdomain. Name of the subdomain should be your "student ID".

2. On the newly created subdomain, please create a new email address. User ID of the email
   address should be your "full name".
   For example, let us assume that,
      i. "Domain name" of your hosting account is "host115.xyz"
      ii. Your "student ID" is "012345678"
      iii. Your full name is "Muhammad Abdullah"
   Then, the newly created email address should be as follows:
   muhammad.abdullah@012345678.host115.xyz

3. Please forward this newly created email address to your UIU email address.
   For example, **muhammad.abdullah@012345678.host115.xyz** should be forwarded to
   mabdullah345678@bscse.uiu.ac.bd

4. Using this newly created email address, please create a new account in BitBucket.org

5. "Username" for this BitBucket account should be "uiu012345678" (if your student ID is
   012345678)

6. Please create a Git repository named "csi322" using this BitBucket account, with allowing
   auto-creation of "README.md" file.

7. Please clone all the files from "csi322" repository to your PC/laptop and then verify that
   the repository "csi322" is cloned.