**Assignment 3 Report**

**\*\*\* Testing for frontend in Question1 \*\*\***

**1) Database 3421a03 with empty tables –**

Graphical user interface

Description automatically generated with low confidence



Event table –

Graphical user interface, application, Word

Description automatically generated

Activity\_Happens table –

Graphical user interface

Description automatically generated with medium confidence

Cfp count table –

Graphical user interface, text, table

Description automatically generated

Covers table–

Graphical user interface, application

Description automatically generated

Organizes table–

Graphical user interface, application

Description automatically generated

People table–

Graphical user interface, application

Description automatically generated

Research Topic table–

Graphical user interface, application

Description automatically generated

**2) Explanation of All GUI screens –**

\*\*\* Main Screen GUI **Explanation** –

This screen gives the user a choice to either insert a new CFP into database or

retrieve the information for a query.

**Graphical user interface, application

Description automatically generated**

\*\*\* GUI to insert new CFP Explanation –

This GUI gives the option to insert a new CFP into the database and display output message to application message box.

“CFP Inserted Successfully !!” -- message is displayed when a CFP is inserted successfully without any error else a error message is displayed.

**Graphical user interface

Description automatically generated**

User has the option to select 1 of the event type and GUI will automatically disable irrelevant text boxes.

To add a person, click on “Click to insert people” button

To add an activity, click on “Click to insert activity” button

To add Research Topic, click on “Click to insert Research Topic” button.

Once all the above the mentioned details are inputted then click on “insert CFP” button to insert this CFP into the database.

Relevant Message will be displayed in application message.

Click on “Return to main menu” button to go to main screen.

\*\*\* GUI to display query Explanation –

User choose between which query he wants to display on the GUI.

Graphical user interface

Description automatically generated

“Return to main screen” button will take user back to main screen.

**2) Insertion of different type of events –**

\*\*\* GUI illustrating insert of Event Conference –

Graphical user interface, application

Description automatically generated

\*\*\* GUI illustrating insert of Event Journal–

Graphical user interface

Description automatically generated

\*\*\* GUI illustrating insert of Event Book–

Graphical user interface, application

Description automatically generated

\*\*\* Work bench Outputs –

Event table –

Graphical user interface, text, application, email

Description automatically generated

Event book table –

Graphical user interface, text, application, table

Description automatically generated

Event Journal table –

Graphical user interface, text, application

Description automatically generated

Event conference table –

Graphical user interface, application

Description automatically generated

Organizes table –

Graphical user interface, text, application

Description automatically generated

People table –

Graphical user interface, application, table

Description automatically generated

Research Topic table –

Graphical user interface, text, application, email

Description automatically generated

Activity Happens table –

Graphical user interface, text, application, email

Description automatically generated

Cfp count table –

Table

Description automatically generated

Covers table –

Graphical user interface, text, application, email

Description automatically generated

**\*\*\* Testing for frontend in Question2 \*\*\***

**1) For Query 1 in Q4 of assignment 2 –**

Empty Screen – Press “Show Event Type Count” button to the Query 1 output.

**Graphical user interface

Description automatically generated**

Output of screen for Query 1 – We get output of Query1 using “Show Event type

Count” button

Graphical user interface, application

Description automatically generated

Output of workbench for Query 1 –

Graphical user interface, application

Description automatically generated

**2) For Query 2 in Q4 of assignment 2 –**

Empty Screen – To get the output of Query 2 use button “Show Earliest Events” button

**Graphical user interface

Description automatically generated**

Output of screen for Query 2 –

**Graphical user interface, text

Description automatically generated**

**Output of workbench for Query 2—**

**Graphical user interface, text, application

Description automatically generated**

**\*\*\* ERROR HANDLING\*\*\***

**1) Incorrect date –** for inputting date in incorrect format or in a sentence throw an error

A screenshot of a computer

Description automatically generated

Inputting date in wrong format throws an error

Graphical user interface, application, Word

Description automatically generated