



Secure Software Design-Lab

Lab # 06

Flask Application

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National University of Computer and Emerging Sciences Islamabad Campus

Task 1 # Hello World

Hello world! My name is **Uzzam Arif**

#	First	Last	Email	Phone
	Malik	Uzzam	Arif	221-1748

Task 2 # Navbar

Add New Record

First name	<input type="text"/>
Last name	<input type="text"/>
Email	<input type="text"/>
Phone	<input type="text"/>

Records

#	First	Last	Email	Phone
	No records yet.			

Records

#	First	Last	Email	Phone
	Malik	Uzzam	Arif	221-1748



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Task3 # Add record

The screenshot shows a web browser window at 127.0.0.1:5000. The title bar says "Person Database records". A green success message box at the top right contains the text "Record added successfully." Below it, there are two sections: "Add New Record" on the left and "Records" on the right.

Add New Record:

- First name:
- Last name:
- Email:
- Phone:

Records:

#	First	Last	Email	Phone	Actions
1	Uzzam	Arif	i221748@nu.edu.pk	111111111	<button>Update</button> <button>Delete</button>
2	Raja	Messi	messi@gmail.com	222222222	<button>Update</button> <button>Delete</button>
3	Malik	Ronaldo	i221748@nu.edu.pk	333333333333	<button>Update</button> <button>Delete</button>

A modal dialog box on the right displays the details of the newly added record: "Malik Uzzam Arif" and "22I-1748".

Task 4 # Database viewer

The screenshot shows a web browser window at inloop.github.io/sqlite-viewer/. The title bar says "SQLite Viewer".

The interface includes a file upload area ("Drop file here"), a dropdown menu for the table ("first_app (3 rows)"), and a SQL query input field with the command "SELECT * FROM 'first_app' LIMIT 0,30".

A table below shows the data:

id	first_name	last_name	email	phone	created_at
1	Uzzam	Arif	i221748@nu.edu.pk	111111111	
2	Raja	Messi	messi@gmail.com	222222222	
3	Malik	Ronaldo	i221748@nu.edu.pk	333333333333	

A modal dialog box on the right displays the details of the selected record: "Malik Uzzam Arif" and "22I-1748".



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Task 5 # Update records

#	First	Last	Email	Phone	Actions
1	Uzzam	Arif	i221748@nu.edu.pk	0000000000	<button>Update</button> <button>Delete</button>
2	Raja	Messi	messi@gmail.com	2222222222	<button>Update</button> <button>Delete</button>
3	Malik	Ronaldo	i221748@nu.edu.pk	33333333333333	<button>Update</button> <button>Delete</button>

Task 6 # Delete records

#	First	Last	Email	Phone	Actions
1	Uzzam	Arif	i221748@nu.edu.pk	0000000000	<button>Update</button> <button>Delete</button>
2	Raja	Messi	messi@gmail.com	2222222222	<button>Update</button> <button>Delete</button>