

PROJECT WORK - FOSS & CLOUD COMPUTING LAB

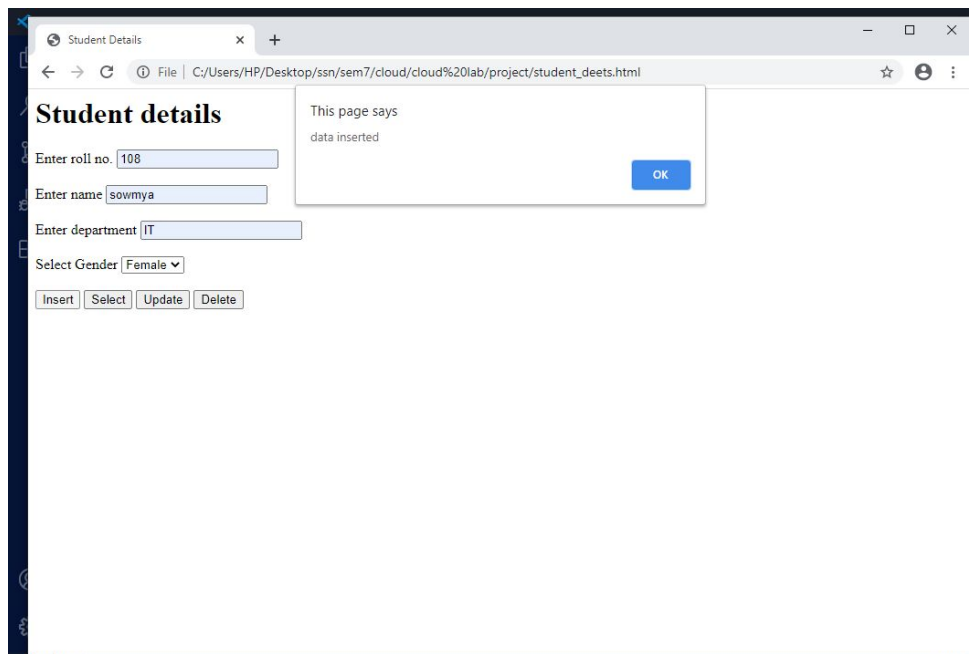
BASIC DB OPERATIONS WITH FIREBASE

NAME: SOWMYA. K
ROLL NO: 312217205108
CLASS & SEC: IT -B

ABSTRACT:

The project created is a sample of database interactions between a web application and a cloud based database. A simple web form for Student details is created using HTML and javascript and is hosted in the local server. The data collected in this form is stored in a database hosted by Google Firebase - one of Google Cloud platforms. Users of the web form can insert, update or delete data of their choice from the database hosted in Google Cloud. They can also selectively view data on their browser if the data exists in the firebase console. The data is stored in an unstructured manner, unlike the RDMS convention followed in local databases. These functionalities can act as an independent module or can also be collaborated with a larger application.

SCREENSHOTS:



Student Details

Enter roll no.

Enter name

Enter department

Select Gender

sowmya
IT
Female

Student Details

Enter roll no.

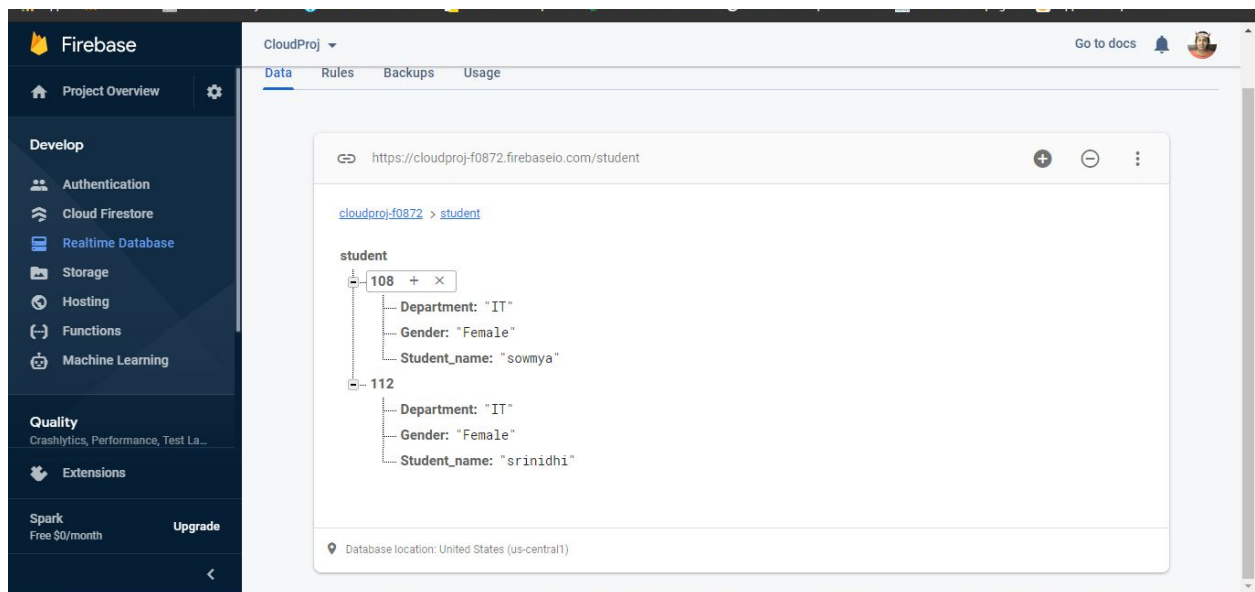
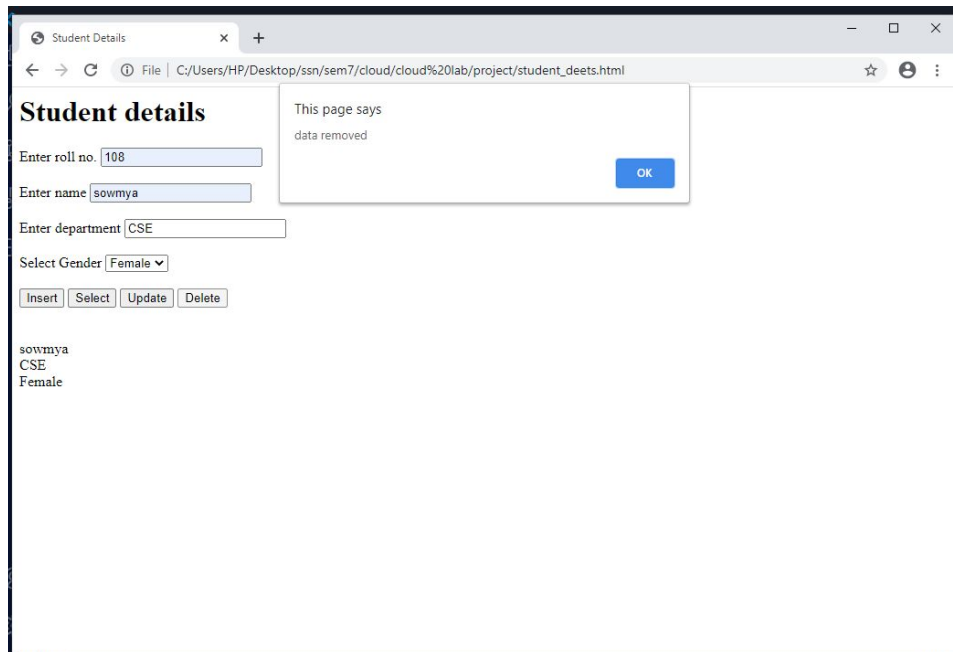
Enter name

Enter department

Select Gender

sowmya
IT
Female

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RESULT: Thus, a simple web application for demonstrating database interactions with firebase has been created and tested successfully.