**Digital Solutions for Improving GCCI Operations**

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**ASSIGNMENT**

**Title: Exploring How Computer Science Students Can Support the Gujranwala Chamber of Commerce and Local Industries**

**1: Research**

* The Gujranwala Chamber of Commerce and Industry (GCCI) supports local businesses by promoting trade, providing skill development, resolving disputes, and advocating for industry-friendly policies. It helps industries grow, connect to global markets, and address challenges, boosting Gujranwala’s economy and industrial success.
* The Gujranwala Chamber of Commerce and Industry (GCCI) supports key local industries like ceramics, cutlery, sanitary ware, and electric appliances etc.

**2: Problem Identification**:

* L**ack of Digital Systems**  
  The Gujranwala Chamber of Commerce relies heavily on hard copies for data storage and operations. They do not have a proper database, and most work, like managing accounts, is done on Excel. There is no system to identify trending items or analyze data effectively.
* **No Online Features**  
  While they have a website, it lacks important features like online registration, membership applications, and complaint submission. All documentation must be submitted physically, making the process time-consuming.
* **Inefficient Management**  
  They lack software for inventory management, vendor sourcing, and analyzing old reports. Without these tools, running operations smoothly and planning effectively is difficult. Even basic communication, like announcements, is still done through pamphlets instead of online platforms.

**3: Solution Proposal**:

* **Set Up a Digital System**  
  Create a database to store all records and analyze data and trends for better decision-making.
* **Upgrade the Website**  
  Improve the GCCI website by adding online registration and complaint submission forms and get reports to simplify processes.
* **Management Tools**  
  Implement inventory and vendor management software for smooth operations and data analysis.