**The Concept of Our DataBase Project**

**Title:** **FC Barcelona Financial Situation for 2023/2024**

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**Short Description:** This project develops a relational database to analyze **FC Barcelona's financial activities for the 2023/2024 season**. It focuses on major **revenue** streams like **sponsorships, merchandising, and player transfers** while accounting for **expenses** such as **player salaries and operational costs**. The aim is to provide insights into the club’s financial stability and identify critical trends.

**Used Data Source and Tools:**

**Data Sources:**

* **FC Barcelona Annual Report 2023/2024** (https://www.fcbarcelona.com/fcbarcelona/document/2024/10/19/0de3fef1-ef59-43ae-962a-91f7ac13ad60/MEM\_2023\_24\_ENG-web-1.pdf)
* **FC Barcelona’s sponsorship deal announcement with Nike** (https://www.bing.com/search?pglt=2467&q=FC+Barcelona+Announces+New+Nike+Record+Sponsorship+Deal+forbes&cvid=7dffc4ff9b9d4c72a5e39913806c035a&gs\_lcrp=EgRlZGdlKgYIABBFGDkyBggAEEUYOTIGCAEQRRg80gEINDU1OGowajGoAgiwAgE&FORM=ANNTA1&PC=EDGEDSE)
* **Transfer data and financial insights from Transfermarkt** (https://www.transfermarkt.com/fc-barcelona/transfers/verein/131/saison\_id/.com)

**Tools:**

* Microsoft SQL Server,
* MSSM /DBeaver for database implementation and querying,
* Microsoft PowerPoint for presentation,
* Python.

**The Diagram of DataBase Used:**

* **SponsorshipDeals:** SponsorID, SponsorName, StartYear, EndYear, AnnualValue
* **Revenues:** RevenueID, Season, Category, Amount
* **Expenses:** ExpenseID, Season, Category, Amount
* **PlayerTransfers:** TransferID, PlayerName, TransferType, TransferFee, Season

**Problems and Risks that may arise:**

* Incomplete or outdated financial data,
* Over-reliance on secondary sources lacking official verification,
* Potential normalization and consistency issues when designing large-scale databases.