Group Number: Group 17

Team Members: Lakshmi Kantha Monisha Pulavarthy
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Topic: Sports League Management System - Baseball

GitHub Link: https://github.com/reeteshkesarwani/Sport-League-Management-System

What's Included:

Object Type	Quantity or Yes/No	Comments
Tables	14	**Names**: User, Team, Skills, Admin, Stadium, Viewer, TeamStaff, Coach, Player, Match, PlayerStatistics, PlayerSkills, Contract, Transaction
Views	3	**Names**: PlayerPerformance, DetailedContractInfo, ViewerPreferencesTransactions
Table Level Check Constraint	5	**User table** - CHK_PostalCode **TeamStaff table** - staffType **Admin table** - chkYearsOfExperience **Transaction table** - CHK_PositiveAmount ; CHK_TransactionTime
Computed Column based on UDF	1	**Name** : CalculateYearsOfExperience
Non-Clustered Indexes	3	**Names :** IX_User_UserType, IX_PlayerSkills_PlayerId_SkillId, IX_Team_TeamLocation
Stored Procedures	3	**Names:** GetPlayerDetails , UpdateUserDetails, insertToAdminTable
User Defined Functions (UDF)	3	**Names** : dbo.CalculateYearsOfExperience, dbo.GetMatchStadiumInfo, dbo.GetPlayerMatchMinutes
DML Triggers	2	**Names:** trgAfterInsertUser, trgMatchStadiumUpdate
Column Data Encryption	1	It is in insertion script : **userPass**
BI Data Visualization	Yes	
GUI for CRUD Operations (optional)	Yes	
Other	Nil	