DATABASE SYSTEMS
2023-2024 FALL TERM (CRN: 12166)
PROJECT PROPOSAL

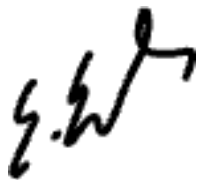|	
Dataset title	F1 Dataset
Dataset URL	https://www.kaggle.com/datasets/rohanrao/formula-1-world-championship-1950-2020?select=lap_times.csv
Data description	

This dataset includes information about Formula 1 constructor, driver, race and circuits from 1950 to 2023.

We use this data to develop a website serves information about current and previous seasons, challenging blink tests and quizzes. This project's structure is compatible with CRUD operations.

Drivers: 1 primary key, 8 non-key column

Constructors: 1 primary key, 4

Circuits: 1 primary key, 8 non-key

Races: 2 primary key, 1 foreign key, 15 non-key

Qualifying: 1 primary key, 3 foreign key, 5 non-key

sprintResults: 1 primary key, 3 foreign key, 12 non-key

status: 1 primary key, 1 non-key

results: 1 primary key, 4 foreign key, 13 non-key

pitStops: 3 primary key, 2 foreign key, 4 non-key

lapTimes: 3 primary key, 2 foreign key, 3 non-key

driverStandings: 1 primary key, 2 foreign key, 4 non-key

constructorStandings: 1 primary key, 2 foreign key, 4 non-key

constructorResults: 1 primary key, 2 foreign key, 2 non-key

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User: 1 primary, key, 0 foreign key, 7 non-key

Quiz: 1 primary key, 0 foreign key, 4 non-key

Answers: 3 primary key, 2 foreign key, 1 non-key

Member 1 Signature	Full name	Emircan Erol
	Student no	150200324
	CRN	12166
	Responsibility:	Front-end & Back-end Tables: SprintResults, circuits, constructors, User

Member 2 Signature	Full name	Mustafa Can Çalışkan
	Student no	150200097
	CRN	12166
	Responsibility:	Front-end & Back-end Tables: Qualifying, Drivers, driverStandings, Quiz

Member 3 Signature	Full name	Yusuf Şahin
	Student no	150200016
	CRN	12166
	Responsibility:	Front-end & Back-end Tables: Results, status, pitstop, constructorStandings
Member 4 Signature	Full name	Yusuf Emir Sezgin
	Student no	150200066
	CRN	12166
	Responsibility:	Front-end & Back-end Tables: Races, Lap times, constructorResults, Answers