



BLG 317E - DATABASE SYSTEMS


FALL 2025 (CRN: 13591)

PROJECT PROPOSAL

Note that your selected dataset should be extensive enough to allow at least 5 main tables, and each table must have at least 3 non-key columns. Each team member must be responsible for at least one main table. Do your best in identifying table requirements. You will be asked to change your selected dataset if it does not seem to meet the minimum requirements. Please see the project evaluation and project self-assessment forms before finalizing your dataset to get an idea about the project evaluation criteria and process.

Project Group Name	Group Messi							
Dataset title	Football Data							
Dataset URL	https://github.com/Akbasal22/blg317-project							
Data description	<p>This database consists of several interconnected tables, covering information on competitions, games, clubs, players, transfers, and game lineups. Sourced from the kaggle website, it is designed for comprehensive analysis of football data.</p> <p>Selected tables: Games.csv, game_lineups.csv, transfers.csv, clubs.csv, players.csv, club_games.csv</p>							
Member 1 Signature	<table><tr><td>Full name</td><td>Alperen Akbaş</td></tr><tr><td>Student no</td><td>150220078</td></tr><tr><td>Responsibility:</td><td><p>"games.csv" : { "primary_key" : [game_id] "foreign_key" : ["home_club_id", "away_club_id"] "Non_key" :["date", "home_club_goals", "away_club_goals"] }, "Clubs.csv" (extra table), UI/UX Design</p></td></tr></table>		Full name	Alperen Akbaş	Student no	150220078	Responsibility:	<p>"games.csv" : { "primary_key" : [game_id] "foreign_key" : ["home_club_id", "away_club_id"] "Non_key" :["date", "home_club_goals", "away_club_goals"] }, "Clubs.csv" (extra table), UI/UX Design</p>
Full name	Alperen Akbaş							
Student no	150220078							
Responsibility:	<p>"games.csv" : { "primary_key" : [game_id] "foreign_key" : ["home_club_id", "away_club_id"] "Non_key" :["date", "home_club_goals", "away_club_goals"] }, "Clubs.csv" (extra table), UI/UX Design</p>							

<p>Member 2</p> <p>Signature</p> 	<table border="1"> <tr> <td data-bbox="422 268 678 358">Full name</td> <td data-bbox="678 268 1369 358">Zahid Enes Navruz</td> </tr> <tr> <td data-bbox="422 358 678 448">Student no</td> <td data-bbox="678 358 1369 448">150230027</td> </tr> <tr> <td data-bbox="422 448 678 1388">Responsibility:</td> <td data-bbox="678 448 1369 1388"> <pre> "game_lineups.csv" : { "primary_key" : [game_lineups_id] "foreign_key" : ["club_id", "game_id","player_id"] "non-key_elements": ["date", "player_name", "position"] }, "players.csv" : { "primary_key" : [player_id] "foreign_key" : ["current_club_id"] "non-key_elements": ["first_name", "last_name", "last_season"] }, UI/UX Design </pre> </td> </tr> </table>		Full name	Zahid Enes Navruz	Student no	150230027	Responsibility:	<pre> "game_lineups.csv" : { "primary_key" : [game_lineups_id] "foreign_key" : ["club_id", "game_id","player_id"] "non-key_elements": ["date", "player_name", "position"] }, "players.csv" : { "primary_key" : [player_id] "foreign_key" : ["current_club_id"] "non-key_elements": ["first_name", "last_name", "last_season"] }, UI/UX Design </pre>
Full name	Zahid Enes Navruz							
Student no	150230027							
Responsibility:	<pre> "game_lineups.csv" : { "primary_key" : [game_lineups_id] "foreign_key" : ["club_id", "game_id","player_id"] "non-key_elements": ["date", "player_name", "position"] }, "players.csv" : { "primary_key" : [player_id] "foreign_key" : ["current_club_id"] "non-key_elements": ["first_name", "last_name", "last_season"] }, UI/UX Design </pre>							
<p>Member 3</p> <p>Signature</p> 	<table border="1"> <tr> <td data-bbox="422 1523 678 1612">Full name</td> <td data-bbox="678 1523 1369 1612">Bünyamin Kalaycı</td> </tr> <tr> <td data-bbox="422 1612 678 1702">Student no</td> <td data-bbox="678 1612 1369 1702">150230030</td> </tr> <tr> <td data-bbox="422 1702 678 2083">Responsibility:</td> <td data-bbox="678 1702 1369 2083"> <pre> club_games.csv "club_games.csv": {"primary_key": ["game_id"], "foreign_key": ["club_id: primary key from clubs.csv(extra table)"], "non-key_elements": ["hosting", "own_goals", "opponent_goals"] }, </pre> </td> </tr> </table>		Full name	Bünyamin Kalaycı	Student no	150230030	Responsibility:	<pre> club_games.csv "club_games.csv": {"primary_key": ["game_id"], "foreign_key": ["club_id: primary key from clubs.csv(extra table)"], "non-key_elements": ["hosting", "own_goals", "opponent_goals"] }, </pre>
Full name	Bünyamin Kalaycı							
Student no	150230030							
Responsibility:	<pre> club_games.csv "club_games.csv": {"primary_key": ["game_id"], "foreign_key": ["club_id: primary key from clubs.csv(extra table)"], "non-key_elements": ["hosting", "own_goals", "opponent_goals"] }, </pre>							

	<table border="1"><tr><td></td><td>"Clubs.csv" (extra table), UI/UX Design</td></tr></table>		"Clubs.csv" (extra table), UI/UX Design				
	"Clubs.csv" (extra table), UI/UX Design						
Member 4 Signature 	<table border="1"><tr><td>Full name</td><td>Oğuz Kayra Bozkurt</td></tr><tr><td>Student no</td><td>150210115</td></tr><tr><td>Responsibility:</td><td>"transfers.csv": { "primary_key": ["transfer_id"], "foreign_key": ["player_id"], "non-key_elements": ["transfer_date", "from_club_id", "to_club_id"] }, "Clubs.csv" (extra table), UI/UX Design</td></tr></table>	Full name	Oğuz Kayra Bozkurt	Student no	150210115	Responsibility:	"transfers.csv": { "primary_key": ["transfer_id"], "foreign_key": ["player_id"], "non-key_elements": ["transfer_date", "from_club_id", "to_club_id"] }, "Clubs.csv" (extra table), UI/UX Design
Full name	Oğuz Kayra Bozkurt						
Student no	150210115						
Responsibility:	"transfers.csv": { "primary_key": ["transfer_id"], "foreign_key": ["player_id"], "non-key_elements": ["transfer_date", "from_club_id", "to_club_id"] }, "Clubs.csv" (extra table), UI/UX Design						