

# DAT602 ASSIGNMENT 2- MILESTONE 1

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## **DAT602 ASSIGNMENT 2- MILESTONE 1**

Storyboards & Description

ERD

SQL Scripts- On Github:

[https://github.com/avisaharan/DAT602/tree/main/DAT602Milestone1\\_Abhimanu](https://github.com/avisaharan/DAT602/tree/main/DAT602Milestone1_Abhimanu)

**1**

**2**

**5**

## Storyboards & Description

This will be the usual snake and ladder game which can be played online with matched players- designed using SQL as database management script. The players login details, position on board, and high score will be stored in the database.

The screens will be as follows:

### 1. Login Screen

## Register / Login

username

password

Start New Game

Continue Last Game

If the username is not registered it will register with a new user. If already registered, the system will check for the password and login the user. The user can continue the last game or start a new game.

## 2. Game Board



The user will click on the dice to generate a random number between 1-6 and the user's stick will move the number of steps equal to the dice number. If the user steps on a field with a snake or ladder object, they will move to the corresponding field.

### 3. Admin Panel

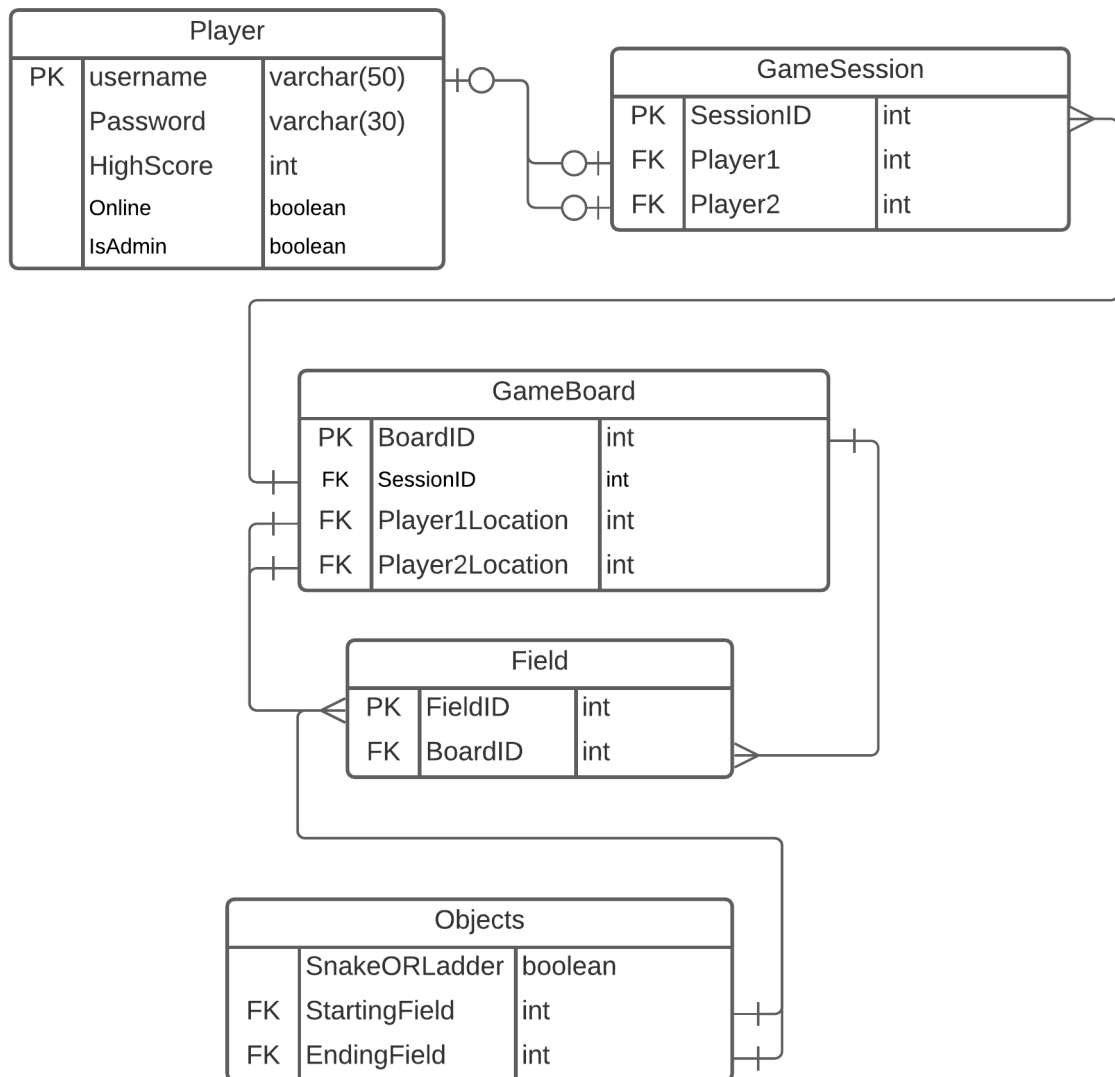
# Admin Panel

Manage Players

Kill running games

The admins will be able to add or remove players from the admin panel and also stop running games.

# ERD



## CRUD Table

	PLAYER					GameSession			Field		Board			Objects			
	UserI D	Passwo rd	High Score	Online	IsAd min	Session ID	Player 1	Playe r2	FieldI D	Boar dID	Boar dID	Player1Lo cation	Player2Lo cation	Objec tID	ObjectLoc ation	Typ e	DiceVa lue
Register New Player	C	C	U		U												
Login	R	R	R	U		R								C	C	C	
Start Game							R	R	U	U	C	U	U				
Roll Dice																	U
Move Player									R	R	R	U	U				R
Delete Player	U	U	U	U	R												
High Score			U				R	R	R			R	R				