# **Front-End Perspective**

# 1-User Auth

-Like(Login-signup-forgetpass)

We can make friendly animated creature like animal welcoming the user after signing or logging in with a text msg

Hello Mohamed-654 welcome to our interested world

A cartoon dog with a checkered background

Description automatically generated

# 2-User Profile Management

- make users able to customize their profiles, upload Photos, edit their info , and view their game statistics and achievements.

# 3-landing page

-create a creative landing page that have good UI to attract users and to tell ppl about us at the end of the page

# 4-Games View page

- Provide a page where users can browse and select games to play.

- make any text for future consideration to tell user that is there are many games coming

(ex. There are more coming, stay tuned… )

5-Game Pages

-Create individual pages for each game, offering details like game description, screenshots, reviews, and user ratings to tell user about each game

# 6- actual game page

-the page that users can play the game on it

7-High Scores Board

-Implement a system to record and display high scores for competitive games. Include leaderboards to showcase top players.

And show to every ranked player there win rate and the coins he has earned

8-Achievements and Badges:

-Reward players with achievements and badges for completing specific in-game tasks or milestones. Show these on their profiles

# 9-Game Purchases

- allow users to buy, earn, and spend virtual items or currency to buy rocket skins and increase power and health of rocket

10-News and Updates

-Share news, updates, and announcements related to your games or the gaming industry. A blog or news section can keep users informed

# 11-contact us

-give the user way to contact with your team support to give you feedback

# **Back-End Perspective**

# 1-User Authentication

-Implement user registration, login, and authentication systems. Ensure secure password storage and user session management. Authorize access to specific parts of the website based on user roles and permissions.

# 2-Database Management

-Set up a database to store user profiles, game information, high scores, achievements, and other relevant data.

# 3-API Development

-Create APIs to allow communication between the frontend and backend.

# 4-User Profiles and Progress Tracking

- Develop functions to create, update, and retrieve user profiles. Track user progress, achievements, and statistics associated with each game.

5-Game Leaderboards and Scores

-Build functions to update and query high scores, maintain leaderboards, and display them on the frontend. Implement algorithms for ranking and sorting scores.

6-Achievements and Badges System

-Develop a system for unlocking and displaying achievements and badges. Update user profiles to reflect these accomplishments.

7-Support and Maintenance:

-Offer ongoing support and maintenance to address user issues, bugs, and website updates via contact us page