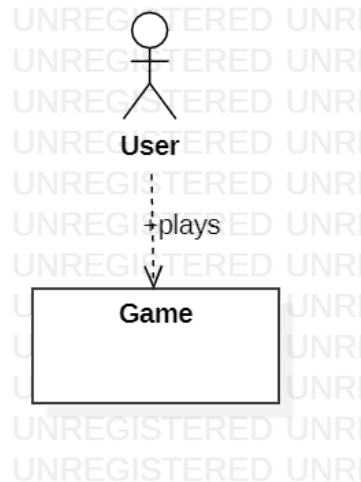


# Documentation

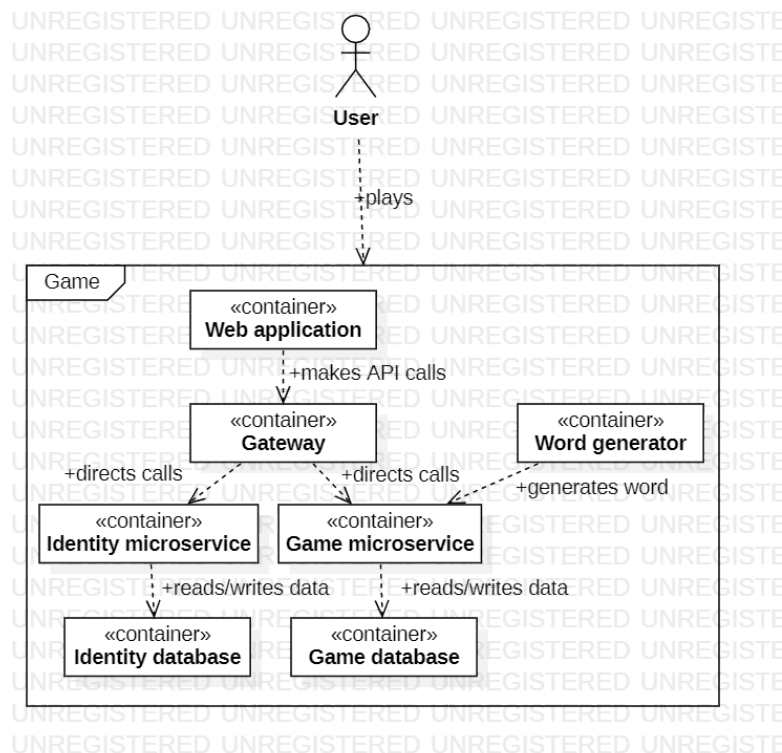
- System Context diagram

The system implemented is a wordle game: the user has five attempts to guess a generated word each day, getting hints after each attempt.



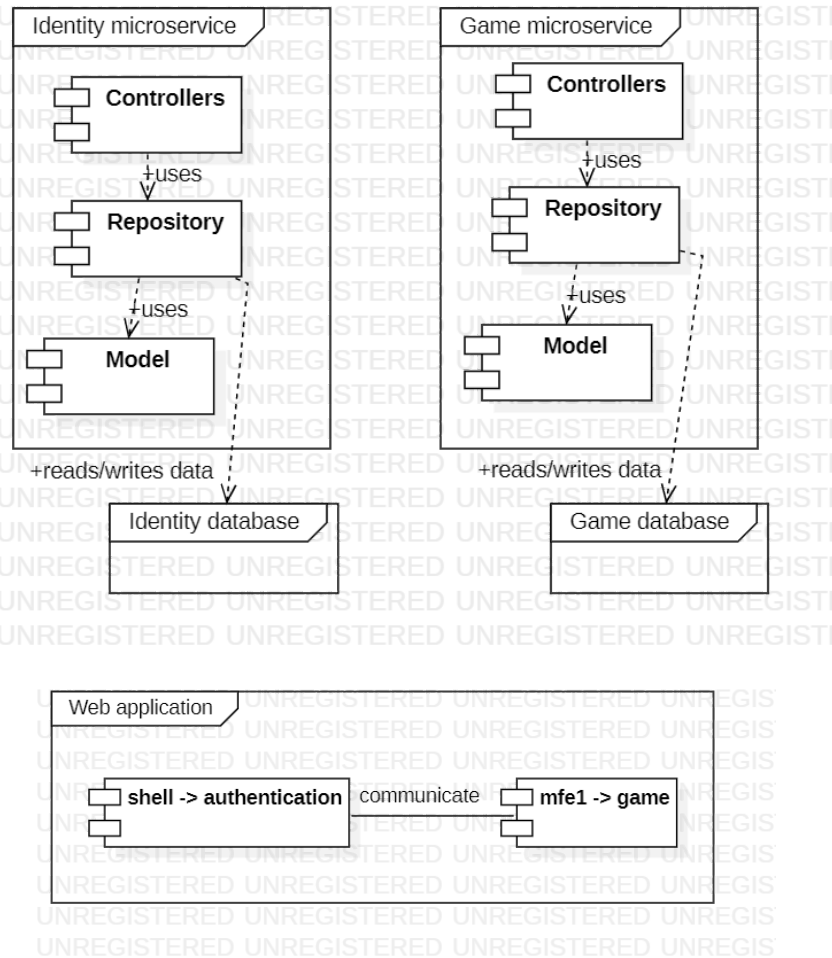
- Container diagram

The Web application makes API calls to a Gateway. The gateway redirects the call to the appropriate microservice. Each microservice manipulates data from its own database. The word generator is an Azure Function that generates a new word each day.



- Component diagram

The microservices have a layered architecture with database communication from the repositories. The web application contains two microfrontends: the shell contains the authentication (login/register) and communicates with mfe1, which contains the game.



- Code diagram

