Project analysis Ciri2

Inhoud

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# Description:

Ciri2 is a platform designed for PC gaming enthusiasts. At its core, Ciri2 serves as a hub where users can assess their system's capability to run specific games and benchmark their performance against others in the community. Here's an overview of its key functionalities:

**Account Creation**: Users can easily create personalized accounts, unlocking access to a host of features tailored to their gaming needs.

**PC Rig Configuration**: Within the application, users have the flexibility to construct and customize their PC rigs using intuitive part pickers for various components. This empowers them to tailor their systems to meet the demands of their favorite games.

**Game Overview**: Through Ciri2, users gain access to a comprehensive overview of games, including key details such as system requirements, gameplay mechanics, and community-generated performance data. This empowers gamers to make informed decisions about which titles to explore based on their hardware capabilities.

**FPS Submission**: Gamers can submit their frames per second (FPS) benchmarks for specific games and graphics presets, allowing them to share and compare their performance metrics with fellow users. This feature fosters a sense of community and healthy competition among players.

**Steam Integration**: Administrators have the capability to seamlessly import games from Steam, expanding the library of titles available for benchmarking. Users can then contribute their FPS data to enrich the database and provide valuable insights to the community.

# Challenges:

**Steam Integration and Third-Party Dependencies:** Integrating with external platforms like Steam introduces additional complexities and dependencies. Ciri2 must ensure seamless communication and synchronization with Steam's APIs, handle potential API rate limits and downtime gracefully, and mitigate risks associated with changes to Steam's platform or policies that could impact the functionality or accessibility of integrated features.

**Data Integrity and Accuracy:** Maintaining the integrity and accuracy of benchmarking data is crucial for the credibility and reliability of Ciri2. Ensuring that user-submitted FPS benchmarks are authentic and representative of actual gaming experiences requires implementing validation mechanisms, data normalization processes, and possibly even crowd-sourced validation techniques to detect and mitigate inaccuracies or anomalies.

Afbeelding met tekst, schermopname, diagram, ontwerp

Automatisch gegenereerde beschrijving