PROJECT NAME

Team :
Name : Sivasubramani.D
Email Id : sivasubramanipodhavoor@gmail.com
NM Id : au811321114026
Guide: P.Raja(Master Trainer)

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OUTLINE

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- Conclusion
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Abstract

Develop a music recommendation system that suggests songs to users based on their listening history and preferences. Improve user engagement and satisfaction with the Spotify platform. Increase music discovery and exploration among users. Users often struggle to find new music that aligns with their tastes and preferences.

Existing music recommendation systems may not fully capture user preferences or provide accurate suggestions. Spotify aims to improve its recommendation system to enhance user experience and competitiveness. content-based filtering works on item features. This filtering method recommends new items having similar characteristics as the user's previous engagements.

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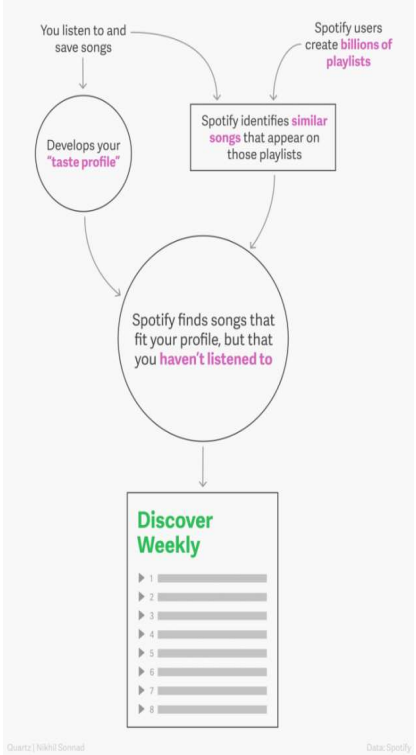
Problem Statement

The Users often struggle to find new music that aligns with their tastes and preferences.

Existing music recommendation systems may not fully capture user preferences or provide accurate suggestions.

Spotify aims to improve its recommendation system to enhance user experience and competitiveness.



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Proposed Solution

Solution:The Project Involves utilization of k-means clustering for music recommendation system.

Gather data on user listening history, preferences, and interactions with the Spotify platform. This could include user profiles, playlists, liked songs, skipped songs, etc.

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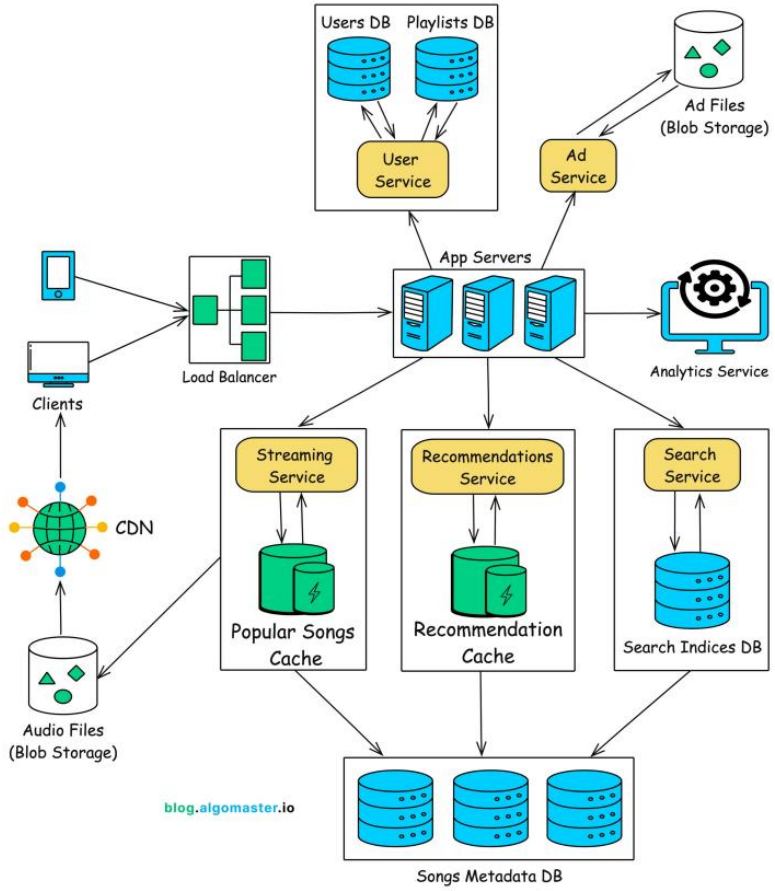
System Architecture



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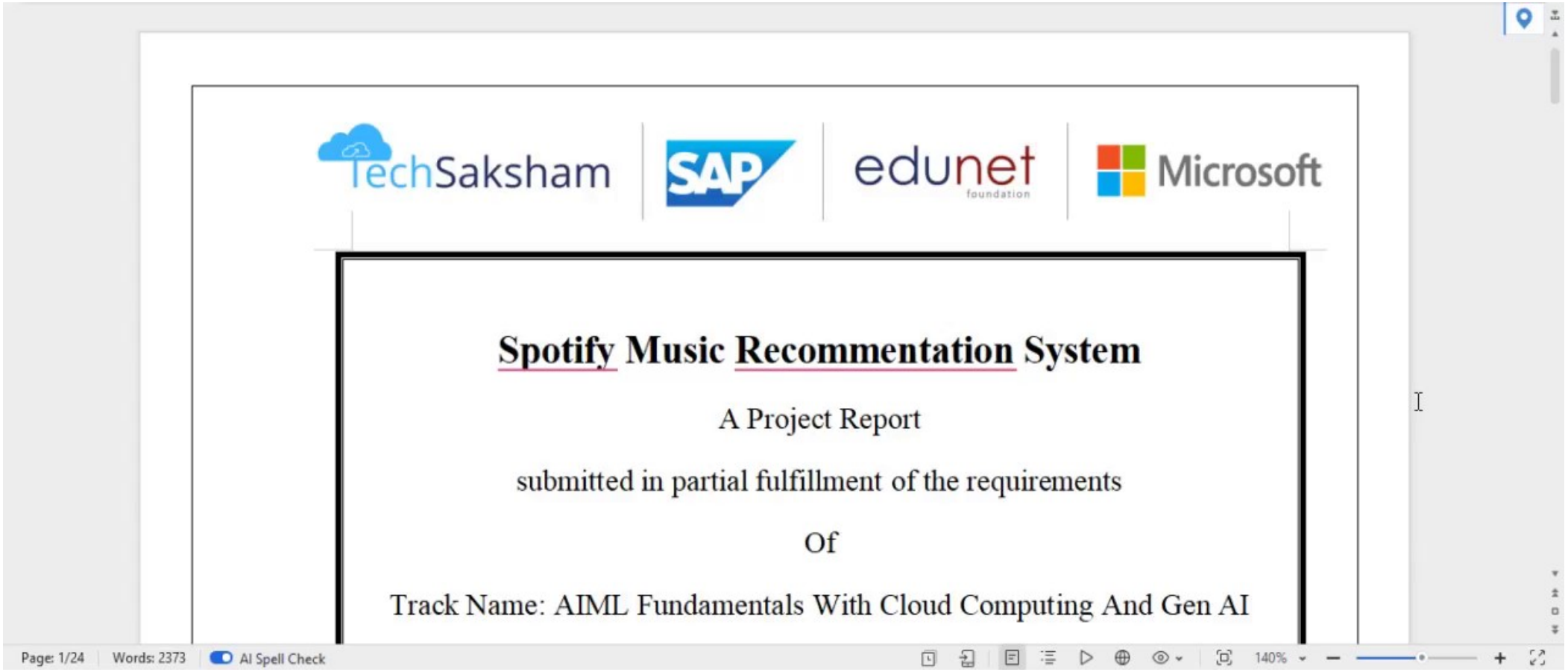
Video of Project Demo



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Conclusion

In conclusion, The Spotify music recommendations system project has been a success, achieving its goals and objectives while providing a unique and personalized music recommendation experience for users.

The system has been designed to provide personalized music recommendations based on user behavior, preferences, and listening history, and has been shown to improve user engagement and satisfaction.

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Future Scope

Integrating with other services: Integrating the system with other services, such as social media, calendar, and location-based services.

Enhancing user feedback mechanisms: Enhancing user feedback mechanisms to improve the accuracy and relevance of music recommendations.

Exploring new techniques: Exploring new techniques, such as natural language processing and computer vision, to improve music recommendations.

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Thank you!