

ĐẠI HỌC BÁCH KHOA HÀ NỘI

HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

Entrepreneurship in Data Science



Suitable background music for coffee shops

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Agenda

- The chosen industries/sectors
- The business idea
- The problem to be solved
- The target and market potential

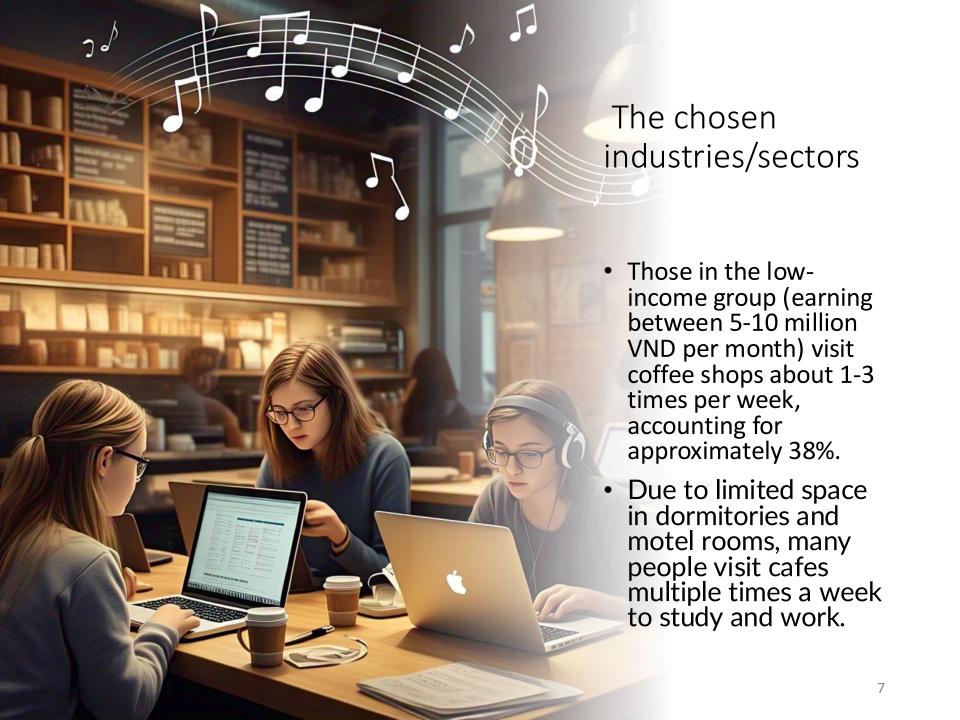


The chosen industries/sectors

 Coffee shops use music to create a welcoming atmosphere, influence customer behavior, enhance the experience, and boost satisfaction, shaping the ambiance and adding to their unique character.







The chosen industries/sectors

- Going to a coffee shop isn't just about the coffee. It's more than just enjoying a drink.
- It's a productive study space, a hub for teamwork, a peaceful spot to read, and a place to unwind after the stress of work or study.
- The atmosphere of a café plays a crucial role in choosing where to go.



The business idea

- Developing a viable business model
 - Coffee houses aim to boost their profits, and music can play a significant role in attracting customers and enhancing their experience.
 - Choosing the right background music is essential to make customers feel relaxed and comfortable.
 - However, hiring a barista skilled in selecting music tailored to clients' preferences can be expensive.
 - For coffee shop chains, artificial intelligence offers a cost-effective alternative, ensuring a consistent and enjoyable experience across all locations.



The business idea

- Understanding the industry
 - Our expertise lies in Computer Vision and Big Data Analysis.
 - We develop tailored artificial intelligence models to address the specific needs of the coffee shop industry.





The business idea

- Revenue Model:
 - Subscription Plans: Tiered pricing based on features and user capacity, ensuring accessibility for businesses of all sizes.
 - Professional Services: Offering consulting and training to help companies seamlessly integrate Al into their workflows.

The problem to be solved

- Personalized Music Recommendations:
 - Identify customers' identities to match music with their age, preferences, and styles.
- Emotion Detection and Analysis:
 - Monitor customers' emotions during their visit to curate music that aligns with their mood.
 - Track client interactions and gather emotional responses to each song.
 - Recommend suitable songs based on collected insights.



The target and market potential

- Targets
 - Coffee shops with budgets dedicated to enhancing customer satisfaction.
- Market potential
 - There are hundreds of coffee shop in Hanoi
 - Customer preferences for coffee shops are influenced more by ambiance and experience than by drink taste.
 - While updating decor to meet customer preferences daily is challenging, adjusting the music is a more flexible and effective solution.





THANK YOU!