Topic for Bachelor's Thesis

Title: Building an online review system for movies (project 1)

The projects "Building an online review system for movies (project 1)" and "Building an online review analysis system (project 2)" are designed to build a Movie Website, where machine learning techniques will be developed and used to analyze its content.

Project 1 and 2 can also be chosen as one project for two students/friends that work with pleasure together.

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Starting period: immediately

Description:

The project aims to build an online review platform based on a database where users and representations of popular movies should be collected and retrieved on request. The system can be a simplistic version of the Internet Movie Database IMDB where people can rate, search, add, update or delete movies and their reviews. This project should cooperate with the student who works on project 2. Results of the project are to be demonstrated by a running demo application.

Technologies: Python, flask/Django and pillow, MySQL, HTML and CSS

Literature to start with:

Siering, M., & Janze, C. (2019). Information processing on online review platforms. *Journal of Management Information Systems*, 36(4), 1347-1377. https://doi.org/10.1080/07421222.2019.1661094

Li, P., Park, A., Cho, S., & Zhao, Y. (2022). *Toward a More Populous Online Platform: The Economic Impacts of Compensated Reviews*. arXiv preprint arXiv:2201.11051.

Please read the information on our website carefully before starting your thesis!