 **DY PATIL INTERNATIONAL UNIVERSITY**

**AKURDI PUNE**

**PROJECT ABSTRACT**

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| **TITLE OF PROJECT: MOVIE RECOMENDATION SYSTEM** | |
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| MOVIE RECOMENDATION SYSTEM **Brief Description of the project:** | In this hustling world, entertainment is a necessity for each one of us to refresh our mood and energy. Entertainment regains our confidence for work and we can work more enthusiastically. For revitalizing ourselves, we can listen to our preferred music or can watch movies of our choice. For watching favorable movies online, we can utilize movie recommendation systems, which are more reliable, since searching of preferred movies will require more and more time which one cannot afford to waste. In this paper, to improve the quality of a movie recommendation system. The movies are recommended based on the content of the movie you entered or selected. The main parameters that are considered for the recommendations are the genre, director, and top 3 casts. The details of the movies, such as title, genre, runtime, rating, poster, casts, etc. There are a lot of features extracted from the movie, they are diversity and unique, which is also the difference from other recommender systems. We use these features to construct movie model and calculate similarity. We introduce a new approach for setting weight of features, which improves the representative of movies. Finally, we evaluate the approach to illustrate the improvement. |