**JAYPEE INSTITUTE OF**

**INFORMATION AND TECHNOLOGY**



**MINOR PROJECT**

**GROUP NO. 17**

# SUBMITTED BY –

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**PROGRESS REPORT**

**PROGRESS REPORT 1/2**

**GROUP NO. 17**

**GROUP MEMBERS-**

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**SUPERVISOR – DR. LAXMI CHAUDHARY**

**TITLE- VIDEO STREAMING SIMULATOR**

**OBJECTIVES-**

“STREAMING IS NOT JUST ABOUT WATCHINNG, ITS ABOUT THE EXPERIENCE.”

1)EASY WATCHABILITY

2)WOULD BE BASED ON RECOMMENDATION SYSTEM USING COSINE SIMILARITY

3)WE WOULD BE USING K – MEANS CLUSTERING VIA MANHATTAN TO SHOW RESULTS WHICH WE WOULD HAVE GROUPED INTO CLUSTERS AS PER THE GENRE.

4)COLLABORAIVE FILTERING OR GRAPH BASED FILTERING WILL BE USED BY US for giving USER’s PAST OR PREFERENCE BASED RECOMMENDATIONS

**WORK DONE-**

1)WE HAVE CONCLUDED THE FRONT- END SIDE OF OUR WEBSITE,

2)while currently we are working to link our dataset regarding some movies and ratings with our project.

3)for that we are taking help of our respected supervisor and some recent research papers which have been attached hereby.

4)We have finalized what type of clustering i.e chebychev or Manhattan we are going to implement as both of them gave almost same results.

And also we looked upon some of the ethical challenges faced and that’s why for the sake of privacy decided to move on with graph based filtering and hybrid model recommendation system.