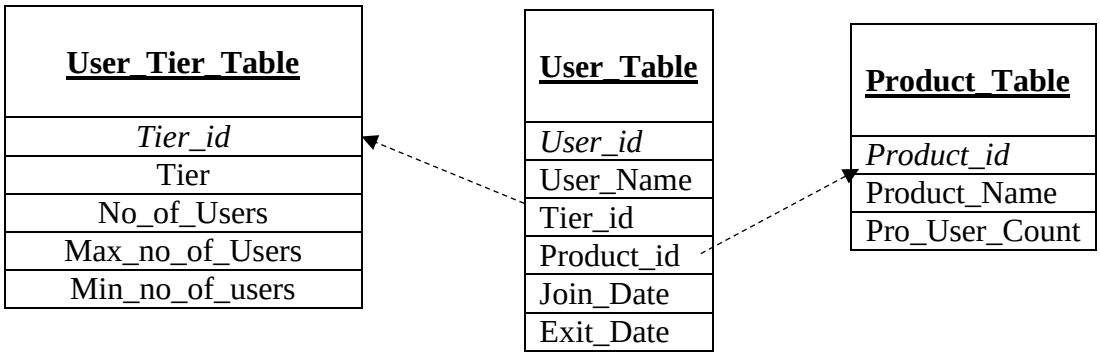
INTERCOM SCREENER

1. I am proud of all the projects and problems that I have solved or worked on. But, if I have to choose one amongst them, I will choose my first project in data analysis. That is, job predictor in Data mining. When I started my master's I seletced data mining as my first subject. I selected this university because of its famous database program, which was of my interest. It was our first project, we were given a large(2.5GB) dataset(.tsv files), which we had to read, clean, model and predict the top jobs that users might apply in future based on their geography, history, their application behavior and other criteria's, which had to be visualized by us. Reading the data and predicting was a daunting task as we were new to it and reading that amount of data was very time consuming. Being said that, I was one amongst the few to be able to read and predict with a very minimal time which was 10 times faster, the right use of data structures did the trick. Well, I was not the only one in that, but what made me proud was the prediction. When the results were announced and I was in the top three students amongst 60 other students in the class to have gotten the best accuracy in the prediction. This was one of my proudest achievement that I and very proud of.

2. Attached the code file. Have used python to solve the problem.

3.



- User_Table will be populated when a user is added (when a user buys/joins a plan).
- User_Tier_Table is populated when user joins and when user exists a plan. All except No_of_Users will be static. Only No_of_users attribute value will change.
- In Product_Table except Pro_User_Count others will remain same. Only on join/exit of users to a plan, the count will change. Which is used to check the current count of users.