**Capstone Project Submission**

**Instructions:**

i) Please fill in all the required information.

ii) Avoid grammatical errors.

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| **Team Member’s Name, Email and Contribution:** |
| 1)Name : Geetha Tathireddy  Emailid : geethareddyt35@gmail.com  Work : 1)Data wrangling - finding and filling NAN values  2)EDA - Using for loop and lambda codes  3)PPT |
| **Please paste the GitHub Repo link.** |
| Github Link : https://github.com/geethatathireddy/play-store-project |
| **Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)** |
| The dataset gets flooded with several thousands of new apps everyday with many more thousands of developers working independently or in a team to make them successful. Here, provided with two datasets, one having complete information about apps, installs,size,category and so on. The other data set is only embedded with sentiment analysis for all the apps.  Firstly, going to perform the data cleaning process over the raw data, which involves finding and replacing NAN values and drop some of the irrelevant and wrong data’s given in the dataset.Further proceed the project with asking the queries and write a code to answer and plot that respective queries  Focus mainly on category wise operation likewise top 10 installed apps in each category, The distribution of the reviews among each category, Calculating the percentage of free apps vs paid apps in all category. Like this we are able to raise the different types of queries on ourself and explore the relevant answers to that queries on the given dataset is called Exploratory Data Analysis.  Comparing the number of installs and reviews we conclude that the most engaging apps present in each category on basis of this we should find the most engaging category and plot it using matplot library.  Finally, helping the users to know the successful app in each category and also helped the developers to what is the rating for their apps and they need to find ways to improve their apps by updating and advancing their ideas in their apps. |