ALGORITHM ANALYSIS DESIGN PROJECT QUESTIONNAIRE

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Group D

Algorithm Analysis Design - PROJECT QUESTIONNAIRE :

WHAT IS YOUR DRIVING FORCE FOR THE PROJECT / WHY HAVE YOU CHOSEN YOUR RESPECTIVE PROJECT ? (PLEASE MENTION YOUR PROJECT DESCRIPTION AS WELL) WHY ARE YOU SUITABLE TO DO YOUR PROJECT ?

My proposal for the AAD Project is to build an interactive website for learning the different algorithm design techniques which were taught to us during the Algorithm Analysis and Design Course. When I was very new to programming, I used to visit coding websites like codecademy. Those websites were very interactive and encouraging to learn the concepts related to programming. This really piqued my interest. On the other hand, I haven't seen such websites for learning algorithms. Nothing equals the AAD Course taught to us. Ofcourse. So, I always wanted to do something like this (an interactive website to learn algorithms) since Prof. Kannan sir had told us to work on a project. This is my driving force ...

HOW SHOULD WE EVALUATE YOU ? (ON WHAT ASPECTS OF YOUR PROJECT SHOULD WE PRIMARILY FOCUS ON ?)

I have aimed my project to be as simple as possible. Simple in the sense, not by the work and effort put in to achieve the task, but by the way anyone can learn the basics of the concepts taught to us during the course through my website. I believe that anyone who has a little bit

knowledge of the programming language, its constructs, data types and data structures can easily skim through my website to learn the different algorithm design techniques like divide and conquer, greedy strategy, dynamic programming, etc. The examples I have taken to demonstrate each design technique are also elementary like sorting techniques which are very essential to every programmer. I would like you to grade me based on the simplicity with which anyone can view my website and learn the concepts very easily.

WHAT FEEDBACK DID YOU RECEIVE DURING THE PROJECT PROPOSAL VIVA (IF ANY) ?

The feedback which I received during my Viva session was that I could incorporate some background music specific to each algorithm as the element behind my website is the interactiveness of the website. Sir also said that the background music should be chosen in such a way that it should not be distracting the viewers of the website as they are here to learn (as most of the music is distractive).