The Cityzens: Bishesh, Novel, Phuc

Kent Jones

CS-473-1

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Final Project Deliverable #1

For the final project of final project for this engaging and dynamic class we have chosen to tackle the algorithm of Stable marriage problem. Stable marriage problem is the problem of finding a stable matching between two equally sized sets of elements given an ordering of preferences for each element. The goal of the project is developing our own variation of this algorithm which can help students of CS and math department to form groups and pair according to their rank. Rank can be decided on various factors such as personal preferences, majors, grade, age and many more. The project has potential of attracting clients such as our Whitworth’s platform Whitgit to make the dynamic group project more effective and less redundancy for the instructors. Overall, this project has a great potential bridging the CS department and student for more effective and active experience on coding and we believe that this project can delivery such development to both student and faculty.