

# APT Final Assessment

## Team 5

### Team Members:

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|--------------------|-------|-------|
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- **Algorithms used :**

1. term frequency–inverse document (tf-idf) is used to rank relevance of a search query
2. The PageRank algorithm is used to rank the popularity of all pages
3. In geographical based ranking if the extension of the page is the same as the location of the search query then this page's rank is increased by a default percentage to give a boost to the rank of this page
4. In personalized search, after the user click on a page the base url for this page is increased by certain percentage and this percentage is proportional to the number of clicks to this websites so the more the user clicks on pages with the same base url the more it's relevance will increase.