# Format for the Project Submission

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| Project Title | Construction of conceptual graphs using text mining |
| Student’s Name/s | **Tanishq Kumar Dhangar** |
| Institute/Company where pursued | **Department of Computer Science, University of Delhi** |
| Mentor’s Name and Affiliation | **Prof. Vasudha Bhatnagar,**  **Head of the Department (HOD)** |
| Abstract | **The textbooks are generally available as PDF (Portable Document Format), so the first phase of our project was to convert PDF file into TXT file, which is later to be used as input to generate concepts using Natural Language Processing methods such as tokenizing text and then using POS tagging. The concepts generated are further refined using n-gram API from Microsoft depending on the word length of the concept. Then, we used co-occurrence of concepts in the text as a parameter to measure relation among concepts which will later be used to construct conceptual graphs.** |
| Important outcomes of the project | **The system should be able to make a conceptual graph for a given text.** |
| Future prospects | **Develop a system which is able to construct graph of concepts with weighted relations among them and further provide the user with the concepts that are more relevant to him.** |