For office only

Year : 2018-19

Group Id : 201802701MP

Group No. : 2

Govt. of NCT of Delhi

G. B. Pant Engineering College

Department of Computer Science & Engineering

Project Synopsis (Minor Project)

1. Group Details

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| --- | --- | --- | --- |
| Sr. No. | Student Name | Roll Number | Signature |
| 1. | Kundan | 02520902715 |  |
| 2. | Anupam | 01120902715 |  |
| 3. | Ajay Nath | 00420902715 |  |
| 4. | Vipin Tiwari | 05820902715 |  |

1. Supervisor/Co-Supervisor Details

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| --- | --- | --- |
| Sr. No. | Name | Role |
| 1. | Mr. Manjeet Singh Pangtey | Supervisor |
| 2. |  | Co-Supervisor |

1. Project Title

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| Docs Builder (Convenient and predesigned document templates with change tracking capability). |

1. Project Objective

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| Docs Builder is web-based application to create legal and official documents based on predesigned templates. The convenience provided is unprecedented as the users will have the ability to create a well formatted document just by filling in a few minor and essential details. The application will boast of features like version control to track changes made to the document and revert back to an older version if needed. |

1. Project Description

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| Creating documents has always been a painstaking task but at the same time it is something that is done by everybody on almost a regular basis. In almost every type of document, the format remains more or less the same and there are only a few details that needs to be changed and for those few details most of the people create their documents from scratch. Secondly, most of the people don't understand the minute details of documents. So, it will be very helpful if we could provide them with a simple solution.  Docs Builder is a web-based application which consists of a collection of templates of various documents ranging from a simple leave application to a sophisticate legal documentation. The users are not bothered with a lot of technical and legal jargons. They will be prompted to fill in a simple form about their personal details and some specifics needed for the creation of the very document they demand. The simple form presented is all that is needed to create a well formatted document of any type. The application also features a way to track changes made to a particular document (saved as different versions of the document) and roll back any change that is erroneously made. The application can be used conveniently by any individual or corporate and can be fine-tuned according to their need. |

1. Structure of Program

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| Tools-   * Frontend: HTML, CSS, Bootstrap, JavaScript, JQuery. * Backend: Node.js, Mongo DB.   Software Requirements-   * Text editor either Notepad or Sublime Text * Library of JavaScript * Server – Heroku (Cloud Application Platform) * Different API of Node.js |

1. Gantt Chart

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| --- | --- | --- | --- | --- | --- |
| Task | 1 week | 2 weeks | 3 weeks | 1-2 weeks | 1 week |
| Requirement Analysis(SRS) | ✔ |  |  |  |  |
| FrontEnd Design |  | ✔ |  |  |  |
| BackEnd Design |  |  | ✔ |  |  |
| Add New Features |  |  |  | ✔ |  |
| Testing |  |  |  |  | ✔ |

1. Deliverable

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| By the end of October 2018, we will have a web application with cross platform compatibility capable of creating documents, saving them and tracking the changes made during its course of creation. |

1. Future Scope of Project

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| The development of this project surely prompts many new areas of investigation. The application can be enhanced further by adding the feature of user customized documents. Document auto generation can be added by web data extraction (web scraping) and user request. A rating mechanism can be devised to help users get the highest rated template of any document. Speech recognition APIs can be used to increase user convenience and speed of document generation. |

1. References

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| [https://w3school.com](https://w3school.com/)  [https://bootstrap.com](https://bootstrap.com/)  [https://nodejs.org](https://nodejs.org/)  [https://www.mongodb.com](https://www.mongodb.com/) |

1. Supervisor Approval & Declaration

I/We hereby submit my approval to supervise the aforementioned project for students mentioned here. I/We also declare that the authenticity of work/project will be ensured and done in time bound manner.

Supervisor’s Signature with Date

Co-Supervisor’s Signature with Date