TE MINI-PROJECT REPORT ON

# Productivity Tool Website (TOOL4U)

# 

Submitted in partial fulfillment of the requirements of the degree of bachelor’s in engineering

by

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DEPARTMENT OF INFORMATION TECHNOLOGY

**SHAH & ANCHOR KUTCHHI ENGINEERING COLLEGE** CHEMBUR, MUMBAI-400088.

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# Certificate

*This is to certify that the report of the mini project entitled*

## “Productivity Tool Website (TOOL4U)”

*is a bonafide work of*

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submitted to the

**UNIVERSITY OF MUMBAI**

during semester V in partial fulfilment of the requirement for the award of the degree of

**BACHELOR OF ENGINEERING**

in

### INFORMATION TECHNOLOGY

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**Approval for Mini Project Report for T. E. semester V**

**This project report entitled “Productivity Tool Website (TOOL4U)” by *Student names* is approved for semester V in partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering.**

**Guide:**

**1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Examiners:**

**1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

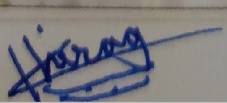
**2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date:**

**Place: Mumbai**

**DECLARATION**

**I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified an y idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.**

**DODIA CHIRAG (TE5-08)** 

**RAHUL PANCHAL (TE6-34) A picture containing text

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**BHOOMI PARMAR (TE5-32) Text, letter

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**JAY SHETH (TE5-49)** Text

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(**Signature**)

**ABSTRACT**

This project aims at creation of a productivity tool website named “TOOL4U”. This will be accessible to all customers who can use the package of business tools available. This is an approach to provide an opportunity to the customers to use the tools available in a very efficient way for their own purposes. In this project we are going to deal the existing facts in day-to-day life i.e. creating resumes, certificates and also editing images. We provide a real time environment to use the tools within less amount of time. We deal in the method of creating resumes and certificates and also editing images much faster and easier. Our project is an internet based computerized approach towards productivity tools.

**Modules:**

1. **Resume maker**: In this module an individual can create resumes using the templates available and then download the resume.

1. **Certificate maker**: In this module an individual can create certificates using the templates available and then download the certificate.

1. **Image editor**: In this module an individual can edit the images using different effects available and then export the image.

1. **Miscellaneous**: This is the package of office work tools where in simple but effective tools are available. We have referred these tools from <https://www.phpjabbers.com/free-tools/> this website.
   * Speech synthesis
   * Quote generator
   * Basic Calculator
   * Color HEX code generator
   * QR-code generator
   * Wikifind
   * Image converter

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**CHAPTER: 01**

#### INTRODUCTION:

The main aim of the project is to provide different tools like resume maker, certificate generator and photo editor and many more to customer at very low-cost price. It is used for teachers and students as well. students can create their resume within time. When a job seeker wants to apply for a job online then generally, he/she needs to attach his/her resume with the email.

Online Resume Building System provides the users the popular resume formats & a better way to show their resumes to the employers. Teachers can generate certificate for students within time. A certificate is a type of award given for good work, completion of something or another type of rewardable actions or behavior. They’re great ways to reward their students for their hard work.

There are different types of certificates. They can Create and distribute award certificates, certificates of appreciation and many more. Simply customize one of our available certificate templates to fit your needs and download. Select one of the templates to make certificates online. Change the text in the placeholders to reflect your award topic or event title. Add all your relevant information and then download your certificate efficiently.

Next tool is Image Editor. Image editor is a small application which lets the user to manipulate digital images using tools such as color adjustments, sharpening, zoom, rotation, print, set brightness level etc.

The miscellaneous section contains tools like Speech synthesis, Quote generator, Basic

Calculator, Color HEX code generator, QR-code generator, Wikifind, Image converter Efficient GUI has been provided which let the user to access this tool.

#### CHAPTER: 02

##### AIMS AND OBJECTIVES:

**AIMS:**

To make a website in order to help the users to use the office work tools provided in an efficient way.

**OBJECTIVES:**

* The main object of this website is to provide the user to with various available office work tools at one stop.
* The website provides tools like resume maker, certificate maker, image editor and a miscellaneous section where it contains a package of simple tools.
* It will Reduced manual work as templates are already present to ease the work. As all the manual work will be done using the available templates so it will increase work speed and reduce time consumption.
* Through this “TOOL4U” website the user can access the templates buying paying a very small amount. After the payment the user can download the templates for use.
* The project makes a sincere effort to provide all the below-mentioned features to meet the requirements of the bank.

**CHAPTER-3**

**LITERATURE SURVEY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr No. | Title of the Paper | Author of the paper | Published year | Inference |
| 1 | Automatic  Resume  Generator | Harsha B Aladi | 2011 | It says there is no need for developers to develop the application from scratch  instead uses the APIs which requires less effort and fewer resources comparatively without the need of team of resources  which was impossible to do alone before without team resource |
| 2 | Automated Batch  Certificate  Generation and  Verification  System | Ahmed Dalhatu Yusuf  Moussa Mahamat  Boukar  Shahriar Shamiluulu | 2018 | An application called Automated Batch  Certificate Generation and Verification  System ABCGVS is developed based on the client-server technology. Certificate  verification process is inescapable in many institutions as students are issued  admissions and grants in view of the  certificate. The main purpose of this  research work is to present a system that can be used in many institutions for generating and verifying a certificate. |
| 3 | IEEE  ResumeLab—  A suite of career  management  tools | J. Patrick Donohoe | 2019 | The resume builder provides hints on what sections should be included, how to order sections, how to promote experience, and various ways to style your resume. The  portfolio builder helps you create an online gallery of your work that can be downloaded as a zipped file. |
| 4 | Web  Application for  Screening  Resume | Sujit Amin, Nikita  Jayakar, Sonia Sunny, Pheba Babu,  M.Kiruthika, Ambarish  Gurjar | 2008 | This paper focuses majorly on the design of the web application which will be used to screen resumes (Curriculum Vitae) for a particular job posting. This system will  aid the recruiters to filter out the  most prospective candidates based on their resumes for further rounds. |
| **5** | Developing an E-Commerce Website | Syed Emdad Ullah, Tania Alauddin and Hasan U. Zaman | 2016 | Electronic commerce or e-commerce refers to a wide range of online business activities for products and services. It is usually associated with online mode. Our motto is to develop an enriched ecommerce website in our country that should be largely accepted by the customers. |
| **6** | Certificate Generation System | Bharti Chikankar , Sidhant Jaiswal | 2020 | Certificate Generation System can be used in various universities to automate the distribution of digitally verifiable mark sheets of students to ease the work. This system verifies the participants' information from the access database and generates the certificates of all the participants in a portable document format. |
| **7** | A Business Model Framework for the Design and Evaluation of Business Models in the Internet of Services | Nico Weiner, Anette Weisbecker | 2017 | This paper shows the specialties of business models for internet-service offerings and introduces a new framework to support the fast creation of business model alternatives. Therefore a formalized model is introduced, which is almost completely implemented in a software-tool. The prototype is introduced at the end of this contribution. |
| **8** | Business Integration Models in the Context of Web Services | William Song, Deren Chen , Jen-Yao Chung | 2016 | The introduction of the semantic web and web service technologies enables business processes, models, and patterns to enter an entirely new stage. Traditional web based business data and transactions can now be extracted and modeled to discover business rules and business strategies. |

**CHAPTER: 04**

**PROPOSED SYSTEM**

* It will have a registration page where the individual will have to register him/herself if necessary.
* It will have a login page where only registered user can login with proper credentials.
* After the login process the home page of the website will appear where in all the information and tools are available.
* There are tools available such as resume maker, certificate maker and image editor.
* There is a miscellaneous tool which consist of bunch of simple office work tools.
* The resume maker module has different templates available where the user can choose any template pay for the same and download it.
* The next is certificate maker, it also has different templates available where the user can choose any template pay for the same and download it.
* Image editor allows the user to edit images using the effects provided and download the image.
* The miscellaneous section contains tools like Speech synthesis, Quote generator, Basic Calculator, Color HEX code generator, QR-code generator, Wikifind, Image converter

#### CHAPTER: 05

#### SOFTWARE USED

##### 1) Visual Studio Code:

Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with builtin support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go) and runtimes (such as .NET and Unity).

2) **Programming language used**

**Frontend**

##### i) HTML:

HTML stands for Hyper Text Markup Language.HTML is the standard markup language for creating Web pages.HTML describes the structure of a Web page.HTML consists of a series of elements.HTML elements tell the browser how to display the content.

##### ii) CSS:

CSS stands for Cascading Style Sheets.CSS describes how HTML elements are to be displayed on screen, paper, or in other media.CSS saves a lot of work. It can control the layout of multiple web pages all at once. External stylesheets are stored in CSS files. CSS is used to define styles for your web pages, including the design, layout, and variations in display for different devices and screen sizes.

##### iii) JAVASCRIPT:

JavaScript (often shortened to JS) is a lightweight, interpreted, object-oriented language with first-class functions, and is best known as the scripting language for Web pages, but it's used in many non-browser environments as well. JavaScript can function as both a procedural and an object-oriented language

JavaScript was initially created to “make web pages alive”. The programs in this language are called scripts. They can be written right in a web page’s HTML and run automatically as the page loads. Scripts are provided and executed as plain text. They don’t need special preparation or compilation to run.

**Backend**

##### i) MongoDB:

MongoDB is a source-available cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with optional schemas. MongoDB is developed by MongoDB Inc. and licensed under the Server-Side Public License

MongoDB is an open-source NoSQL database management program.

NoSQL is used as an alternative to traditional relational databases. MongoDB is a tool that can manage document-oriented information, store or retrieve information. MongoDB supports various forms of data.

**Framework**

##### i) React:

React is a JavaScript library created for building fast and interactive user interfaces for web and mobile applications. It is an open-source, component-based, frontend library responsible only for the application's view layer. React was created by Jordan Walker, a software engineer at Facebook.

React is a library for building composable user interfaces. It encourages the creation of reusable UI components, which present data that changes over time. Lots of people use React as the V in MVC. React abstracts away the DOM from you, offering a simpler programming model and better performance. React can also render on the server using Node, and it can power native apps using React Native. React implements one-way reactive data flow, which reduces the boilerplate and is easier to reason about than traditional data binding.

#### CHAPTER: 06

#### IMPLEMENTATION

* The design and implementation of the bank management system is to replace the tradition way of making resumes and certificates.
* Users can directly access the tools provided by the website.
* This system is especially designed for the users to make use of the tools efficiently and with ease.
* This system aims to provide the best services.

**Flowchart:**

Diagram

Description automatically generated

**Use Case Diagram**:

Diagram, schematic

Description automatically generated

##### ER Diagram:

Diagram

Description automatically generated

#### CHAPTER: 07

**Output:**

##### Home Page:

A picture containing graphical user interface

Description automatically generated

##### Content Pages:

Graphical user interface, text

Description automatically generated

##### Resume maker:

Graphical user interface, application

Description automatically generated

##### After payment:

Graphical user interface, application

Description automatically generated

**Certificate maker:**

Graphical user interface, website

Description automatically generated

##### Payment page:

Graphical user interface, application

Description automatically generated

##### After payment:

Graphical user interface, application, website

Description automatically generated

##### Miscellaneous:

Graphical user interface, application, website

Description automatically generated

#### CHAPTER: 08

**CONCLUSION:**

This report concludes that the online resume builder and all the others tools mentioned ie. Resume maker, certificate maker, image editors etc. is one of the most fantastic systems for the people who are either freshers in their domain or if they don’t have enough idea about the resume or other tools or don’t have enough time to create the resumes etc. of good designs or patterns, then this platform is a very productive place for them.

#### CHAPTER-11

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* <https://www.mongodb.com/>
* <https://reactjs.org/>
* <https://www.w3schools.com/>
* https://www.phpjabbers.com/free-tools/

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