

A PROJECT REPORT

ON

AnyToPdf

Submitted

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Acknowledgement

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It is our great pleasure to represent our project as one web application titled “AnyToPdf” and which we conceived in the 5th semester of BCA affiliated with BKMNU(Bhakt Kavi Narsi Mehta University).

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Chapter No: 1 Introduction

1.1 Project Summary

1.2 Purpose

1.3 Scope

1.4 Technology & Literature



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1.1 Project Summery

The title of the project is “ AnyToPdf ”.This Project is based on file converter. User also login/ Register in website. If you are login / Register then access two more features of our website. Without login / Registration you access less features . in this web application you convert your file into PDF format easily.This Project there are many features to Convert file into PDF. In this website users also Download that Pdf file.User also give feedback on feedback page.

1.2 Purpose

- ❖ This website provides a file conversion Functionality. You can easily convert your file into pdf Format.
- ❖ If you are login / Register then access two more features of our website.
- ❖ Admin manage a data of uploaded by user's.
- ❖ This website provides Best Quality pdf file to user's.
- ❖ This online Pdf converter Work Perfectly on laptop and desktops browser like : [Opera](#), [Firefox](#) , [Chrome](#) , [internet explorer](#).

The Goals of system are :

- ✓ To provide file conversion into pdf
- ✓ To provide best quality of converted pdf file
- ✓ To provide login / registration system

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✓ To provide feedback page

1.3 Scope

- ❖ The scope of this website is user easily convert their file into pdf format.
- ❖ It saves users time and labour .
- ❖ This web application Work Perfectly on laptop and desktops browser.

1.4 Technology & Literature Review

HTML

What is 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
- HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

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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 Style Sheets are stored in CSS files

❖ Why Use CSS?

- CSS is used to define styles for your web pages, including the design, layout and variations in display for different devices and screen sizes.
- CSS Solved a Big Problem
- HTML was NEVER intended to contain tags for formatting a web page. HTML was created to **describe the content** of a web page, like:
 - `<h1>this is a heading</h1>`
 - `<p>this is a paragraph. </p>`
- When tags like ``, and color attributes were added to the HTML 3.2 specification, it started a nightmare for web developers. Development of large web sites, where fonts and color information were added to every single page, became a long and expensive process.

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- To solve this problem, the World Wide Web Consortium (W3C) created CSS. CSS was created to specify the document's style, not its content.
 - In HTML 4.0, and later, all formatting should be removed from the HTML page, and stored in separate CSS files.
 - CSS Saves a Lot of Work!
-
- The style definitions are normally saved in external .css files.
 - With an external style sheet file, you can change the look of an entire Web site by changing just one file!

MySQL Database

MySQL is a fast, easy-to-use RDBMS being used for many small and big businesses. MySQL is developed, marketed, and supported by MySQL AB, which is a Swedish company.

MySQL is becoming so popular because of many good reasons:

- MySQL is released under an open-source license. So you have nothing to pay to use it.
- MySQL is a very powerful program in its own right. It handles a large subset of the functionality of the most expensive and powerful database packages.

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- MySQL uses a standard form of the well-known SQL data language.
- MySQL works on many operating systems and with many languages including PHP, PERL, C, C++, JAVA, etc.
- MySQL works very quickly and works well even with large data sets.
- MySQL is very friendly to PHP, the most appreciated language for web development.
- MySQL supports large databases, up to 50 million rows or more in a table. The default file size limit for a table is 4GB, but you can increase this (if your operating system can handle it) to a theoretical limit of 8 million terabytes (TB).
- MySQL is customizable. The open-source GPL license allows programmers to modify the MySQL software to fit their own specific environments.

Django

➤ **What is Django?**

- Django is a Python framework that makes it easier to create web sites using Python.
- Django takes care of the difficult stuff so that you can concentrate on building your web applications.

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- Django emphasizes reusability of components, also referred to as DRY (Don't Repeat Yourself), and comes with ready-to-use features like login system, database connection and CRUD operations (Create Read Update Delete).
- Django is especially helpful for database driven websites.

➤ **How does Django Work?**

- Django follows the MVT design pattern (Model View Template).
- Model - The data you want to present, usually data from a database.
- View - A request handler that returns the relevant template and content - based on the request from the user.
- Template - A text file (like an HTML file) containing the layout of the web page, with logic on how to display the data.

❖ **Model**

- The model provides data from the database.
- In Django, the data is delivered as an Object Relational Mapping (ORM), which is a technique designed to make it easier to work with databases.
- The most common way to extract data from a database is SQL. One problem with SQL is that you have to have a

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pretty good understanding of the database structure to be able to work with it.

- Django, with ORM, makes it easier to communicate with the database, without having to write complex SQL statements.
- The models are usually located in a file called **models.py**.

❖ View

- A view is a function or method that takes http requests as arguments, imports the relevant model(s), and finds out what data to send to the template, and returns the final result.
- The views are usually located in a file called **views.py**.

❖ Template

- A template is a file where you describe how the result should be represented.

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