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| Project Title | TaxMaster: A Web-based Portal for Tax Calculation |
| Project Estimated Start Date | 26.09.2024 |
| Project Estimated End Date | 17.10.2024 |
| Candidate Name | Sanchari Ray |
| Mentor Name | Samarth Shrivastava |

**GEBS GET Training Project Document**

Revision History

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| --- | --- | --- | --- |
| Doc Version | Submitted Date | Reviewed By and Date | Comment/Remarks |
|  |  |  |  |

Reviewer(s)

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| Name | Title |
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Approver(s)

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| Name | Title |
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Document Reference(s)

|  |
| --- |
| Releated Documents : |
|  |

1.Introduction

1.1 Scope

* **Project Name:**  TaxMaster: A Web-based Portal for Tax Calculation
* **Objective:** The objective of TaxMaster is to create an user-friendly platform where individuals can securely upload their financial details. Utilizing predefined tax rules and regulations, the system will automatically calculate taxes and provide personalized suggestions to optimize tax returns. This platform aims to simplify the tax planning process, enhance user experience, and maximize tax savings by offering accurate, reliable, and compliant tax optimization strategies. The portal also ensures data security, user privacy, and continuous updates to reflect the latest tax laws, making tax management efficient and accurate.
* **Goal:** The goal of TaxMaster is increase user enhancement which will reduce the complexity of tax calculations to any users. It will help maximum to maximum users to maximize their tax savings through optimized suggestions and the platform will have the ability to give security to the users uploading their confidential data.

1.2 Technology Stack

**Software Requirements:**

* *VSCODE(Visual Studio Code)*  for performing the backend functionalities
* *Sypder* forimplementing frontend functionalities
* Install and Setup *SQL Server Management Studio (SSMS)* or any other server which supports MS SQL.

**Technology Used:**

* Programming Lnaguage : **Python**
* Technology for Frontend : **Streamlit**
* Technology for Backend : **Django**
* Database **: Microsoft SQL Server**

**Prerequisites to be installed:**

* Python Installation of version 3.9 or later from Python Official Website
* Installation of Django:

*‘pip install Django’*

* Installation of Streamlit:

*‘pip install streamlit’*

* Install Streamlit-Django Integration Library:

*‘pip install streamlit-django-integration’*

1.3 Glossary or Terminology

// New terms you come across as you research your design or terms you may suspect your readers/stakeholders not to know

1.4 High Level Design

**Detailed Design of UserWebPage:**

**A diagram of a company

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**High Level Design:**

**A diagram of a company

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*The link for figma:*[*https://www.figma.com/board/DjV4dPlbyqHElUMZG0y5wA/Tax-Calculation-Web-Design?node-id=0-1&t=OgU88spyR382xheM-1*](https://www.figma.com/board/DjV4dPlbyqHElUMZG0y5wA/Tax-Calculation-Web-Design?node-id=0-1&t=OgU88spyR382xheM-1)

1.5 Programming Standards

// Programming standard used with few Code snippet

1.6 Components

//Components Description

1.7 Pre-requisite

// Any pre-requisite which user/stakeholder needs to know before going through the project

1.8 User Guide

//User manual to go through the project

2.Testing

2.1 Test Scenario(s)

//Use Cases with Actual and Expected Results

Note : Multiple test scenario is required