



NOT FOUND

# TAX CALCULATOR

## For Easy Income Tax Calculations

# Abstract

An income tax calculator is a web-based tool that estimates an individual or household's income tax. It asks for information like income, filing status, and deductions to calculate tax liability.

It helps users understand their tax obligations and compare tax strategies.

Data storage and retrieval are done using Django with a MySQL database, ensuring user data security. The website offers a user-friendly interface for easy income tax calculation.



# Project Requirements

## ***Features of the Project***

The features of this website are:

- Tax Calculations
- Report Generation
- Analytics of Tax reports
- Tax Savings Guide
- Tax Slab Rates
- Mobile Responsiveness
- User-Friendly Interface.
- Administrative Dashboard.





# FEATURES AND HIGHLIGHT'S

1. Users can register and login into the system.
2. Users can calculate Taxes.
3. Users can view different Tax Savings Guide.
4. Users can add Tax Details.
5. User can view their respective Tax details.
6. User can take print of Tax details.
7. The Admin can view
  1. The whole Database
  2. Tax Calculations
  3. Dynamic Elements
8. Admin can add Tax Details.
9. Admin can add User Details.
10. Admin can edit all details.

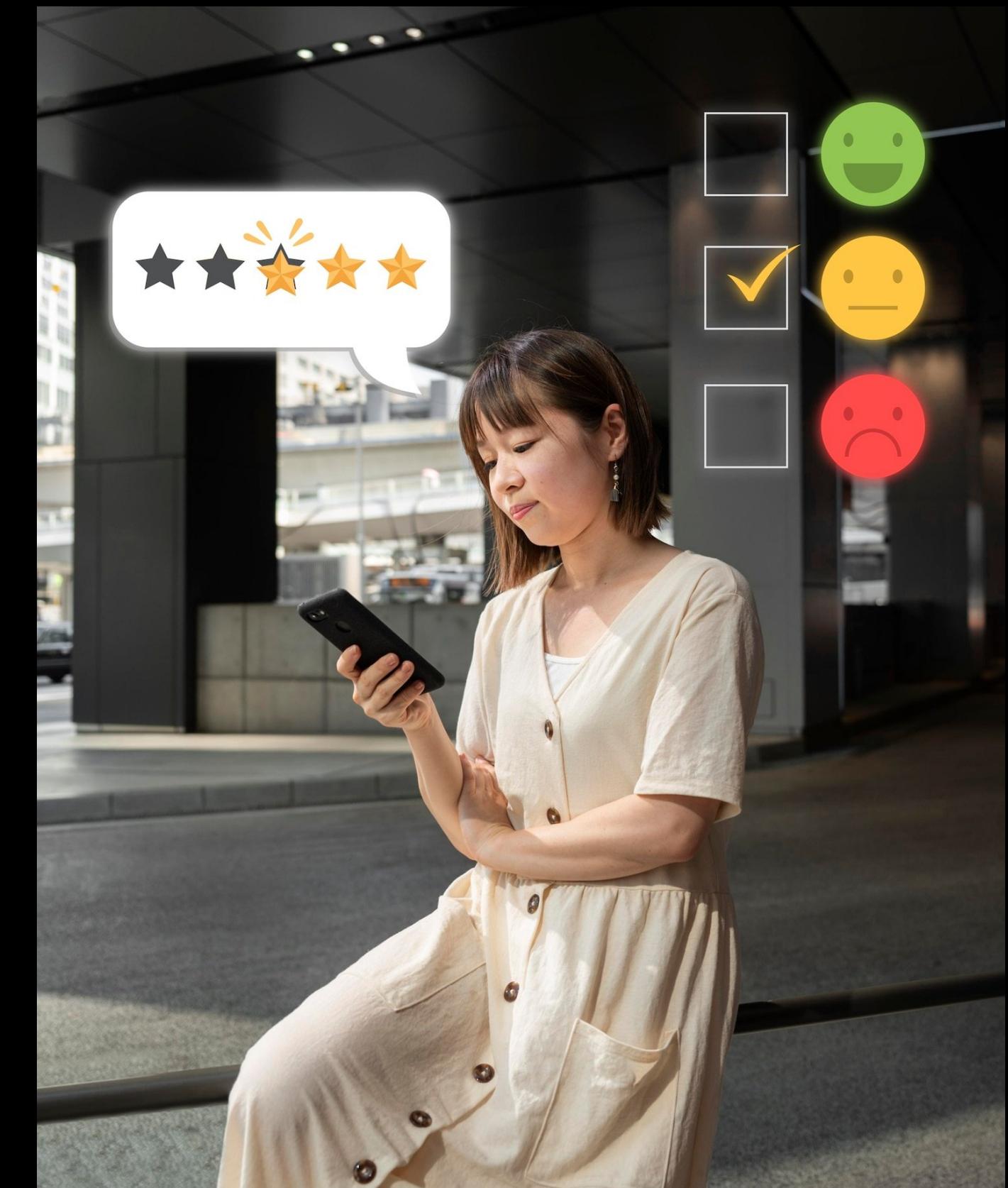


## ***TECHNICAL ASPECTS***

- Presentation Layer:
  - User Interface (UI): This layer includes the components that interact with users, such as web pages or mobile app screens.
  - Django Templates: Django's built-in template engine allows you to define HTML templates that render dynamic content and interact with the back-end.
  - Jazzmin package: Jazzmin provides a very interactive Django admin panel GUI
  - Chartjs: Javascript library that provides interactive charts for analytics
- Application Layer:
  - Django: Django serves as the back-end framework, handling HTTP requests, routing, and managing the application's business logic.
  - Django Views: Views receive requests from the user interface, process data, and generate appropriate responses. They interact with models, services, and external APIs as needed.

# Challenges

- User Experience and User Interface: Designing an intuitive and user-friendly interface for calculating income tax can be a challenge. Conduct user research, gather feedback, and iterate on the user interface to provide a smooth and hassle-free experience for users. Focus on usability, responsiveness, and accessibility considerations.
- Coding the logic behind Tax calculations were really difficult. It was completed after days of coding and getting help from friends
- Testing and Quality Assurance: Thoroughly testing the Tax calculations to identify and fix bugs, as well as ensuring its reliability, can be a significant challenge. Implementing unit tests, integration tests, and conducting usability testing can help ensure the system functions as expected and meets user requirements.



# **FUTURE ENHANCEMENTS**

- Mobile Application: Develop a mobile application for the Tax Calculation to allow users to easily Calculate Income Tax, receive notifications, and manage their income and have insights on their mobile devices.
- Real-Time Availability: Implement real-time availability updates to provide users with up-to-date information on Tax Calculations.
- Other Tax calculating Options: Other Tax calculating Options such as Sales tax, Deferred Tax Calculator, House Rent Allowance Calculator etc.
- Premium Version : which provides extra features such as tax payment recommendations, analytics

# CONCLUSION

The project was successfully completed within the time span allotted. All the modules are tested separately and put together to form the main system. Finally, the modules are tested with real data and it worked successfully. Thus the system has fulfilled the entire objective defined. Our goal of developing this Income Tax Calculation System has come to a good result without many defects.

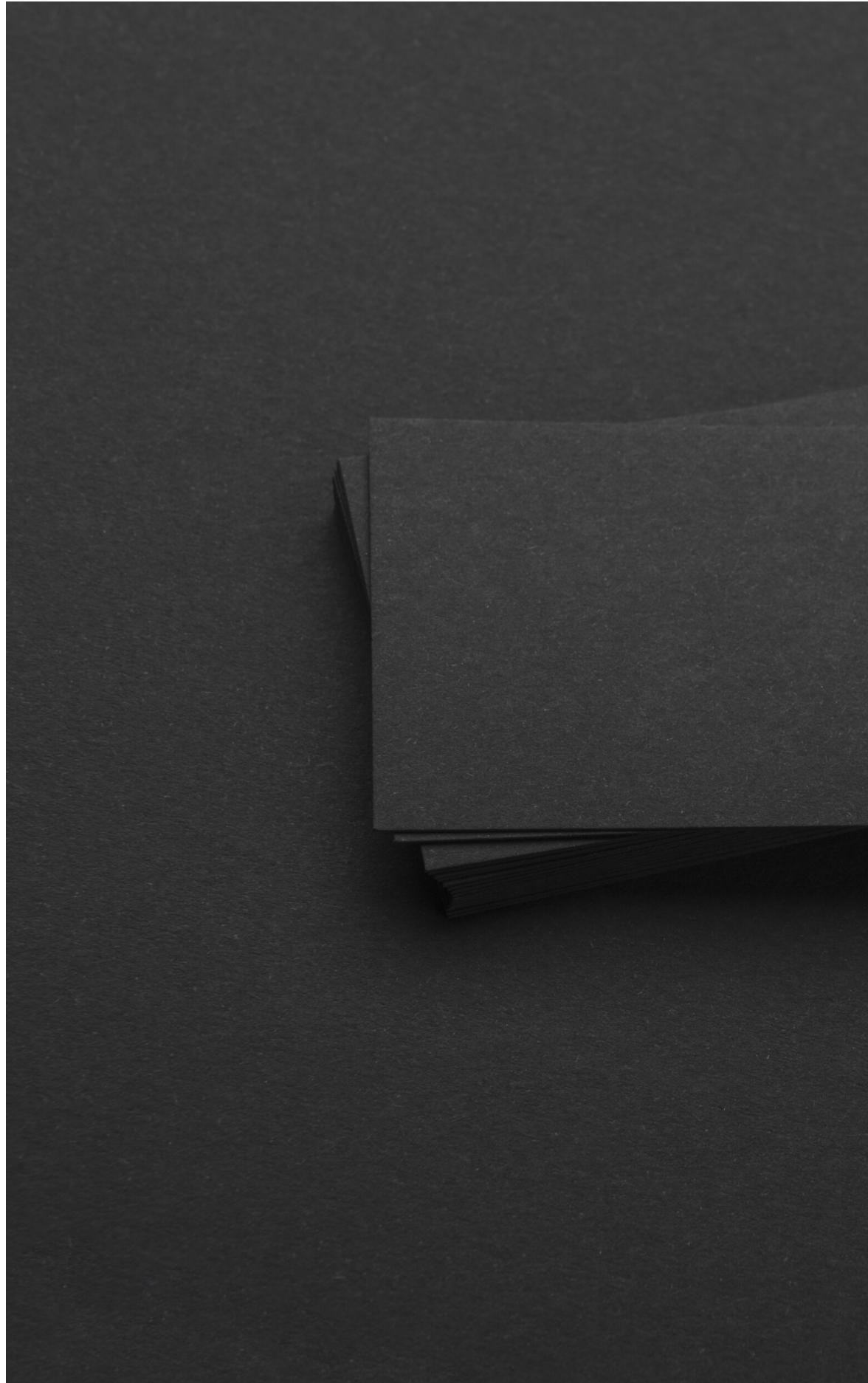


# References

- <https://incometaxindia.gov.in/Pages/default.aspx>
- <https://groww.in/calculators/income-tax-calculator>



# SCREENSHOTS











# Thanks!

Visit My Github:

<https://github.com/asimthaha>

