ABSTRACT

**Software Requirements**

**Browsers –** Our projects work with the help of browser support, so the only software requirements to make it work requires browser support. It can be Chrome, Firefox etc.

**Tool Description**

**HTML:** Hypertext Markup Language, a standardized system for tagging text files to achieve font, colour, graphic, and hyperlink effects on World Wide Web pages.

**CSS:** Cascading Style Sheets is the language for describing the presentation of Web pages, including colors, layout, and fonts. It allows one to adapt the presentation to different types of devices, such as large screens, small screens, or printers. CSS is independent of HTML and can be used with any XML-based markup language.

**Java Script:** an object-oriented computer programming language commonly used to create interactive effects within web browsers.

**Flask:** Flask is a micro web framework written in Python. It is classified as a micro framework because it does not require particular tools or libraries. It has no database abstraction layer, form validation, or any other components where pre-existing third-party libraries provide common functions.

**jQuery:** JQuery is a fast, small JavaScript library included in a sing is file. It provides many built-in functions using which you can accomplish various tasks easily and quickly. JQuery is a framework built using JavaScript capabilities. Hence, you can use all the functions and other capabilities available in JavaScript.

**Jinja**: Jinja2 is a modern day templating language for Python developers. It was made after Django’s template. It is used to create HTML, XML or other markup formats that are returned to the user via an HTTP request.

**Django**: Django is a free, python-based, open-source web development framework that facilitates clean and rational designing of websites driven by databases. It reduces a lot of hassles that a developer has to face during the development of a website. It is used to develop minimal yet smart web applications.

**PyCharm**: Pycharm is an IDE tool kit basically meant for developing programs and/or building software in python. Developed by JetBrains it provides assistive toolkit and build-in features like most of the IDE’s like eclipse. It also supports development for JavaScript, CSS etc.

**Sqlite3**: A SQLite is a relational database management

system (RDBMS) contained in a C library. In contrast to many other database

management systems, SQLite is not a client–server database engine. Rather, it is

embedded into the end program.