INTERNSHIP TRAININIG REPORT

A report submitted in partial fulfilment of the requirement for the award degree of

BACHELOR OF TECHNOLOGY

In

Information Technology

On

'Language Translator'

By

Name-Akhilesh Tripathi

Under supervision of

Mr. Vishnu Sir, *HR*

EXPOSYS DATA LABS

(Bengaluru)

(Training Duration: Start Date to End Date)

(13-11 -2022 to 23-12 -2022)

GOEL INSTITUTE OF TECHNOLOGY AND MANAGEMENT

LUCKNOW

(Affiliated to Abdul Kalam University (AKTU) Lucknow, Govt. of Uttar Pradesh)

(Approved By AICTE, New Delhi, Govt. of India.)

CONTENTS

PREFACE

It is the most responsible work that I have given in my life as well as in "DEGREE COURSE IN ENGINEERING".
I am considering it as the foundation stone by career of GRADUATION IN ENGINEERING and I have accepted this as open challenge during my internship in 'Exposys Data Labs.'
The Project given to me quite interesting and it includes the whole knowledge of all the subject that read during my study. The name of project is "Language Translator." It enhanced my knowledge and skilled me to a new level where I learn something new to build something like this project.

I tried my best to complete this project successfully without missing any of the point. In the end I am very thankful to all those who have helped me in completing this Project.

ACKNOWLEDGE

I hereby take this opportunity to thanks 'EXPOSYS DATA LABS Bengaluru', for giving me this opportunity to conduct my Internship in 'EXPOSYS DATA LABS'. I am grateful to HR Sir for allowing me to conduct my internship in the 'Web Development'. I am heartily indebted to my project guide all employee for providing me with detailed in-depth knowledge and very useful information about the process and system used in the making my project. Their support was instrumental in my training being fruitful. I am also thankful to the entire officer and staff of 'EXPOSYS DATA LABS' for extending a helping hand whenever I need it. I would like to express a deep gratitude to my Director Sir 'GOEL INSTITUTE OF TECHNOLOGY AND MANAGEMENT Lucknow' and HOD Sir who advise me to go for Internship in 'EXPOSYS DATA LABS Bengaluru'.

I am thankful to my parents and friends who helped me whenever it was needed.

With warm regards,

Akhilesh Tripathi.

<u>ABSTRACT</u>

<u>The Company:</u>

Exposys Data Labs aims to Solve real world business problems like Automation, Big Data and data Science. our core team of experts in various technologies help businesses to identify issues, opportunity and prototype solutions using trending technologies like AI, ML, Deep Learning and Data Science. we follow a human-focused and not technology driven approach to achieve success in our client endeavors.

Exposys data Labs is an independent software testing and test automation services company, driven by industry experts and thought leaders in software testing and test automation domain. They work with some of the smartest software-driven businesses around the world including software product start-ups as well as Fortune 500 companies. As a focused partner globally with in-depth expertise in testing solutions we provide functional, Test Automation, Script less Test Automation, Performance Testing and Mobile application testing services; serving multiple industries. Exposys Data Lab understands this gap and bridges it with its best-in-class testing and test automation consulting services. It leverages its extensive expertise in designing and deploying test automation solutions with a measurable value. We focus on optimizing investment on testing by deploying industry's most reliable technology solutions for test automation like unit, functional, GUI automation, performance, security. Programmers and opportunities: The Institute combines pioneering research with top class education. An innovative curriculum allows the student flexibility in selecting courses and projects. Students, even at the undergraduate level, get to participate in on-going research and technology development - an opportunity unprecedented in India. As a result, a vibrant undergraduate programmer coexists with a strong postgraduate programmer. Methodology: This project is to provide classifieds information.

The website will provide different kinds of facilities to the user like rentals; travels. The user should register to utilize the site. Each user willbe given User-Id and password. Using that Id and password user can enter in to the site and can put the ads. Those who want to view the information they can without registration. This project is implemented using HTML, CSS and JAVASCRIPTS as the front-end .

Keyparts of the report: In existed system, users have to go that particular and user should reserve it. The Institute combines pioneering researchwith top class education. An innovative curriculum allows the student flexibility in selecting courses and projects. Students, even at the undergraduate level, get to participate in on-going research and technology development - an opportunity unprecedented in India.

Programmers and Opportunities:

The Institution combines pioneering research with top class education. An innovative curriculum allows student flexibility in selecting courses and projects. Students, even at the undergraduate level, get to participate in on-going research and technology development an opportunity unpreceded in India. As a result, a vibrant undergraduate programmer co-exists with strong program

Methodology:

This project is to provide classifieds information. The website will provide different kinds of facilities to the user like you can easily translate from one language to another. First you need to select the language which you want to translate and after selecting the language you must type the content and after typing you need to select the language to which you need to translate and click translate icon the result will show on your right box.

Plan of Internship Program

Duration of Internship- Four weeks

➢ **Start Date of the Internship:** *14-November-2022*

➢ **End of the Internship:** *14-December-2022*

Topic Covered During Internship

These are the topics which I read and practiced during my internship.

➢ HTML (Creating list)
➢ CSS (Designing html)
➢ JAVASCRIPT (Validating website)

HTML

The **Hypertext Markup Language** or **HTML** is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheet (CSS) and scripting language such as JavaScript.

Web browser receive HTML documents from a Web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images, and other objects such as interface form may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes, and other items. HTML elements are delineated by *tags*, written using angle bracket. Tags such as `<img />` and `<input />` directly introduce content into

the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. The inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997. A form of HTML, known as HTML5, is used to display video and audio, primarily using the `<canvas>` element, in collaboration with JavaScript.

2014 HTML5 – Proposed Recommendation and Recommendation
- In September 2014, W3C moved HTML5 to Proposed Recommendation.
- On 28 October 2014, HTML5 was released as a stable W3C Recommendation, meaning the specification process is complete.

CSS

Cascading Style Sheets (**CSS**) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript

CSS is designed to enable the separation of content and presentation including layout, colors, and fonts. This separation can improve content accessibility; provide more flexibility and control in the specification of presentation characteristics; enable Web pages to share formatting by specifying the relevant CSS in a separate .CSS file, which reduces complexity and repetition in the structural content; and enable the .CSS file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen render), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

The name *cascading* comes from the specified priority scheme to determine which style rule applies if more than one rule matches a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by World Wide Web Consortium (W3C). Internet media type (MIME type) `text/css` is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

CSS has a simple syntax and uses several English keywords to specify the names of various style properties.

A style sheet consists of a list of *rules*. Each rule or rule-set consists of one or more *selector*, and a deceleration box.

JavaScript

JavaScript often abbreviated as **JS**, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. As of 2022, 98% of website use JavaScript on the client side for webpage behavior, often incorporating third-party libraries. All major web browser has a dedicated JavaScript engine to execute the code on users' devices.

JavaScript is a high-level, often just-in-time compiler language that conforms to the ECMAScript standard. It has dynamic typing, prototype-based object-orientation, and first-class function. It is multi-paradigm, supporting event-driven, functional, and imperative programming styles. It has application program interface (APIs) for working with text, dates, regular expression, standard data structures, and the Document object model (DOM).

The ECMAScript standard does not include any input/output (I/O), such as networking, storage, or graphics facilities. In practice, the web browser or other runtime system provides JavaScript APIs for I/O.

JavaScript engine were originally used only in web browsers, but are now core components of some servers and a variety of applications. The most popular runtime system for this usage is Node.js.

Although Java and JavaScript are similar in name, syntax, and respective standard libraries, the two languages are distinct and differ greatly in design.

JavaScript supports much of the structured programming syntax from C (e.g., `if` statements, `while` loops, `switch` statements, `do while` loops, etc.). One partial exception is script: originally JavaScript only had function scoping with `var`; block scoping was added in ECMAScript 2015 with the keywords `let` and `const`. Like C,

JavaScript makes a distinction between expressions and statements. One syntactic difference from C is automatic semicolon insertion, which allow semicolons (which terminate statements) to be omitted.