Learn IT

A PROJECT REPORT

Submitted By

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MASTER OF COMPUTER APPLICATIONS

Under the Supervision of
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CERTIFICATE

Certified that **Sourabh Kumar <Enrollment No-200029014005808>, Himanshu Tomar <Enrollment No-200029014005736** have carried out the project work having "**Title of Report – Learn IT**" for Master of Computer Applications from Dr. A.P.J. Abdul Kalam Technical University (AKTU**)** (formerly UPTU), Technical University, Lucknow under my supervision. The project report embodies original work, and studies are carried out by the student himself / herself and the contents of the project report do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

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This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

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ABSTRACT

This paper discusses about learning new content related to IT and other Professions . We are able to take decisions by knowledge but knowledge come by reading and understanding. Learn IT is a way to learn things and gaining knowledge for improving your decision making. Learn IT is a optimized for learning ,reading and self evaluation platform. It is a freemium educational website for learning and reading. Learn IT offers contents related to each and every field of different professions. Learn IT developed in 2021. In the premises of KIET group of institutions. Learn IT held one of biggest workforce which is continuously trying for providing the best and relatable content to its users.

ACKNOWLEDGEMENTS

Success in life is never attained single handedly. My deepest gratitude goes to my thesis supervisor, **<Mr. Ankit Verma>** for his guidance, help and encouragement throughout my research work. Their enlightening ideas, comments, and suggestions.

Words are not enough to express my gratitude to Dr. Ajay Kumar Shrivastava, Professor and Head, Department of Computer Applications, for his insightful comments and administrative help at various occasions.

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Finally, my sincere thanks go to my family members and all those who have directly and indirectly provided me moral support and other kind of help. Without their support, completion of this work would not have been possible in time. They keep my life filled with enjoyment and happiness.

Sourabh Kumar
Himanshu Tomar

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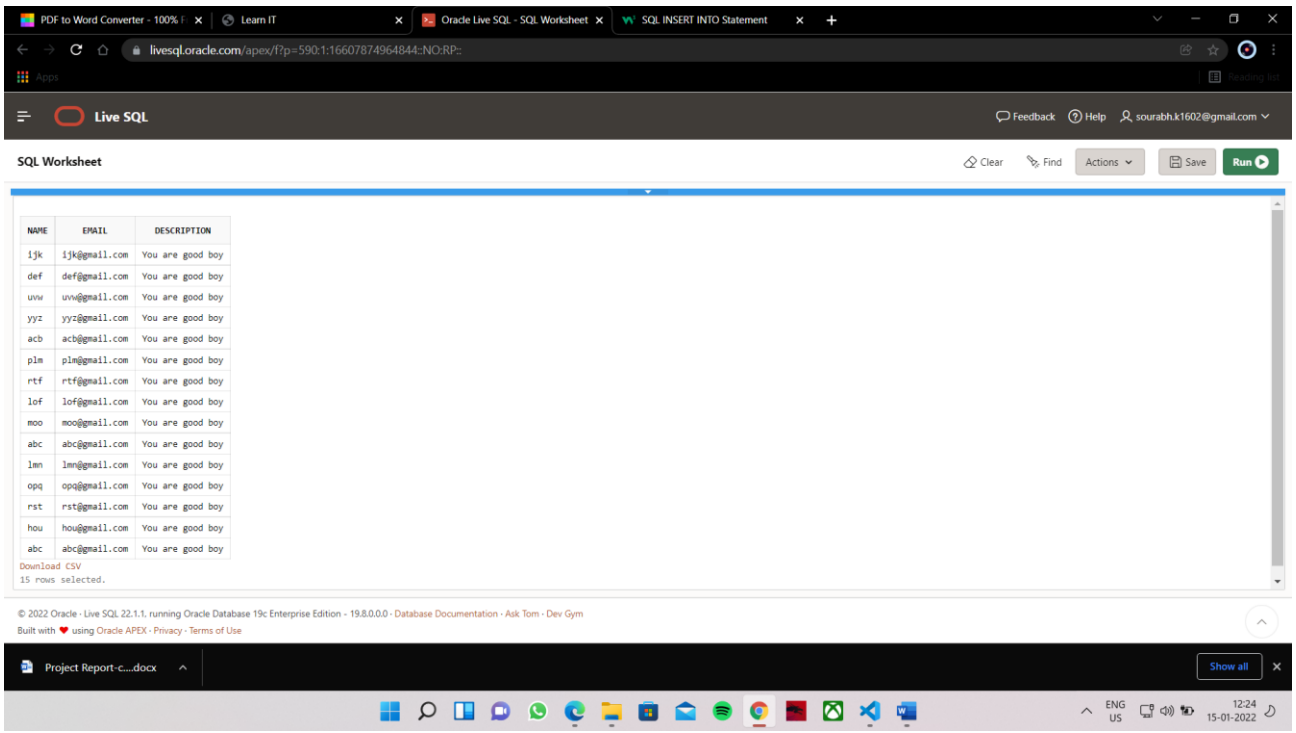
This is a table that contains a Tested user entered data.



Introduction

1.1 Project description

Learn IT is important in our social life due to its strength in providing enhanced Knowledge. Such a system can suggest a set of integrated content to users based on their interest, or the popularities of the course. A Learn IT system is used for the purpose of suggesting content for user to study and gaining knowledge. They direct users towards those content which can meet their needs through cutting down large database of Information. A recommender system, or a recommendation system (sometimes replacing 'system' with a synonym such as platform or engine), is a subclass of information filtering system that seeks to predict the "rating" or "preference" a user would give to an item. They are primarily used in Professional industries. Learn IT also help users to find the course of their choices based on the interest experience of other users in efficient and effective manner without wasting much time in useless browsing. Keywords: Filtering, Recommendation System, Recommender.

1.2 Project Scope

A Online Study system has become an indispensable component in various Online platform applications. Online study collect information about the user's preferences of different content by two ways, either implicitly or explicitly . An implicit acquisition of user information typically involves observing the user's behavior such as Reading books, downloaded applications.

On the other hand, a direct procurement of information
typically involves collecting the user's previous ratings or history. Collaborative filtering (CF) is the way of filtering or calculating items through the sentiments of other people . It first gathers the information given by individuals and then recommends course to the target user based on like-minded people with similar tastes and interests in the past. Additional impression on which some recommender systems are based is clustering. Clustering is a popular unsupervised data mining tool that is used for partitioning a given dataset into homogeneous groups based on some similarity or dissimilarity metric . Collaborative filtering and clustering have been discussed in detail in the next section. Hybrid cluster and optimization approach is applied to improve movie prediction accuracy. Such a hybrid approach has been used to overcome the limitations of typical content-based and collaborative Online Study systems. For clustering, k-means algorithm is applied and for optimization, cuckoo search optimization is implemented. K-means algorithm is an enormously greater clustering algorithm when compared to other clustering methods in relations of time, complexity or effectiveness for a particular number of clusters . Clustering algorithm with a bio-inspired algorithm such as cuckoo search delivers optimize results. The cuckoo search has shown best performance when compared with other algorithms such as genetic algorithms and particle swarm optimization. Simulations and comparison of the cuckoo search were greater to these existing algorithms for multimodal objective functions. To find the best results we have to find the most suitable weight among all possible ones.

1.3 Hardware / Software used in Project

Hardware Used in Project

- Window 10
- 8 RAM
- i7 processor
- With 512 GB SSD

Software Used in Project

- HTML & CSS
- JavaScript
- JSP

Feasibility Study

2.1 Technical feasibility

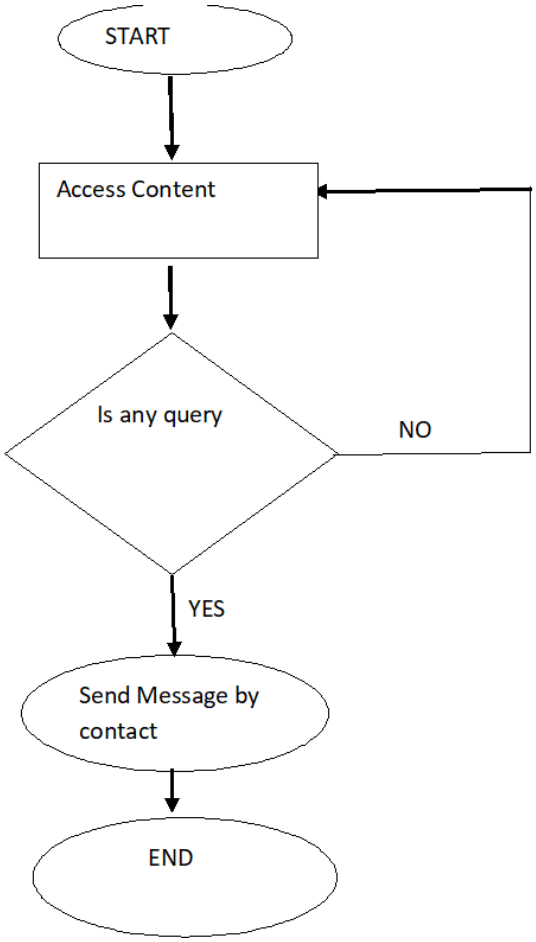
The objective of the technical feasibility step is **to confirm that the product will perform and to verify that there are no production barriers**. Product: The product of this activity is a working model.

2.2 Operational Feasibility

The operational feasibility to help users find items that they deem of interest to them. They can be seen as an application of data mining process. In this paper, a new recommender system based on multi-features is introduced. Demographic and psychographic features are used to asses similarities between users.

Database Design

3.1 Flow Chart



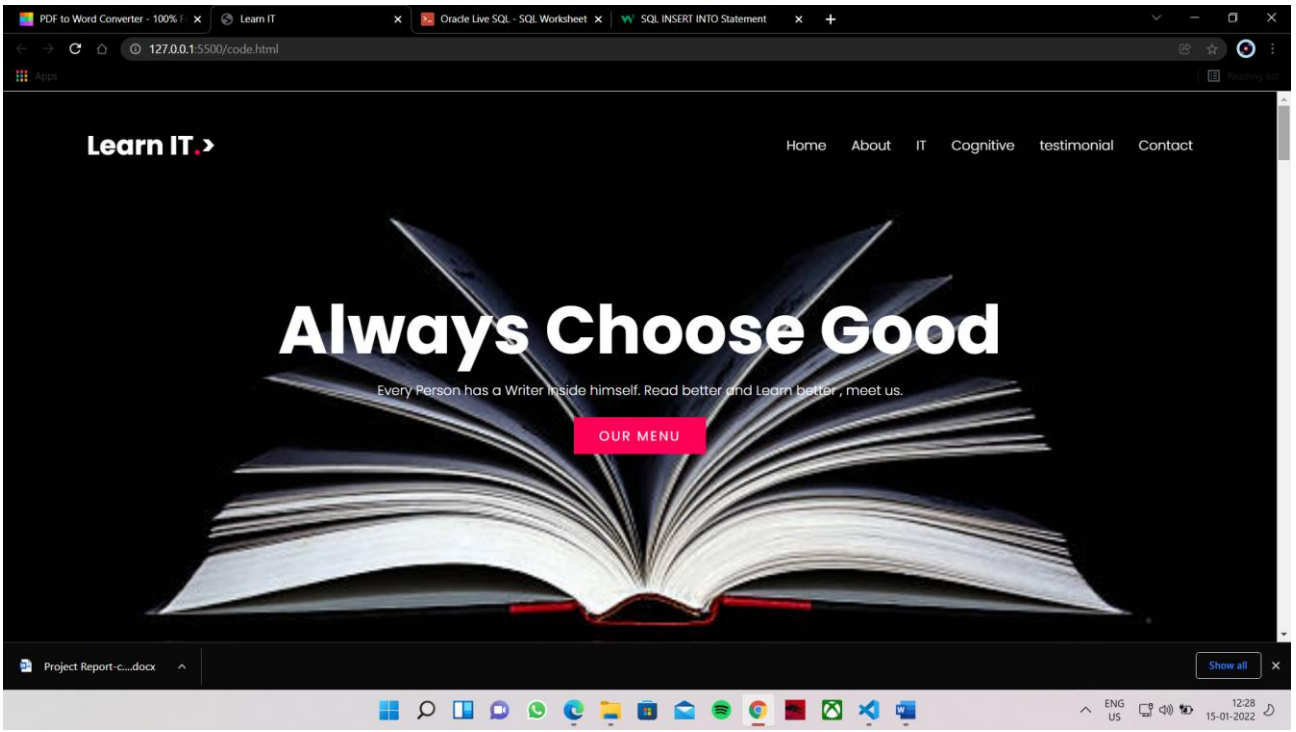
3.2

Form Design

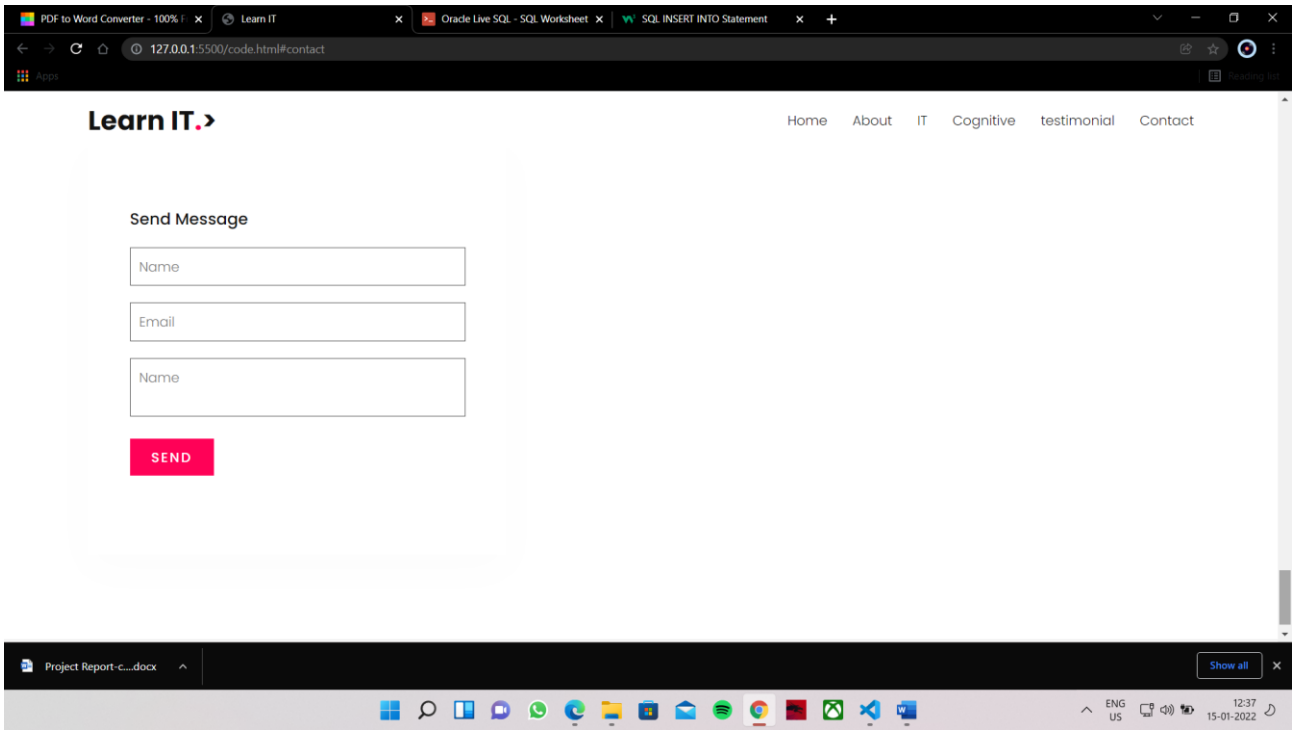
4.1 Input / Output Form (Screenshot)

Input Screenshot

Landing Page



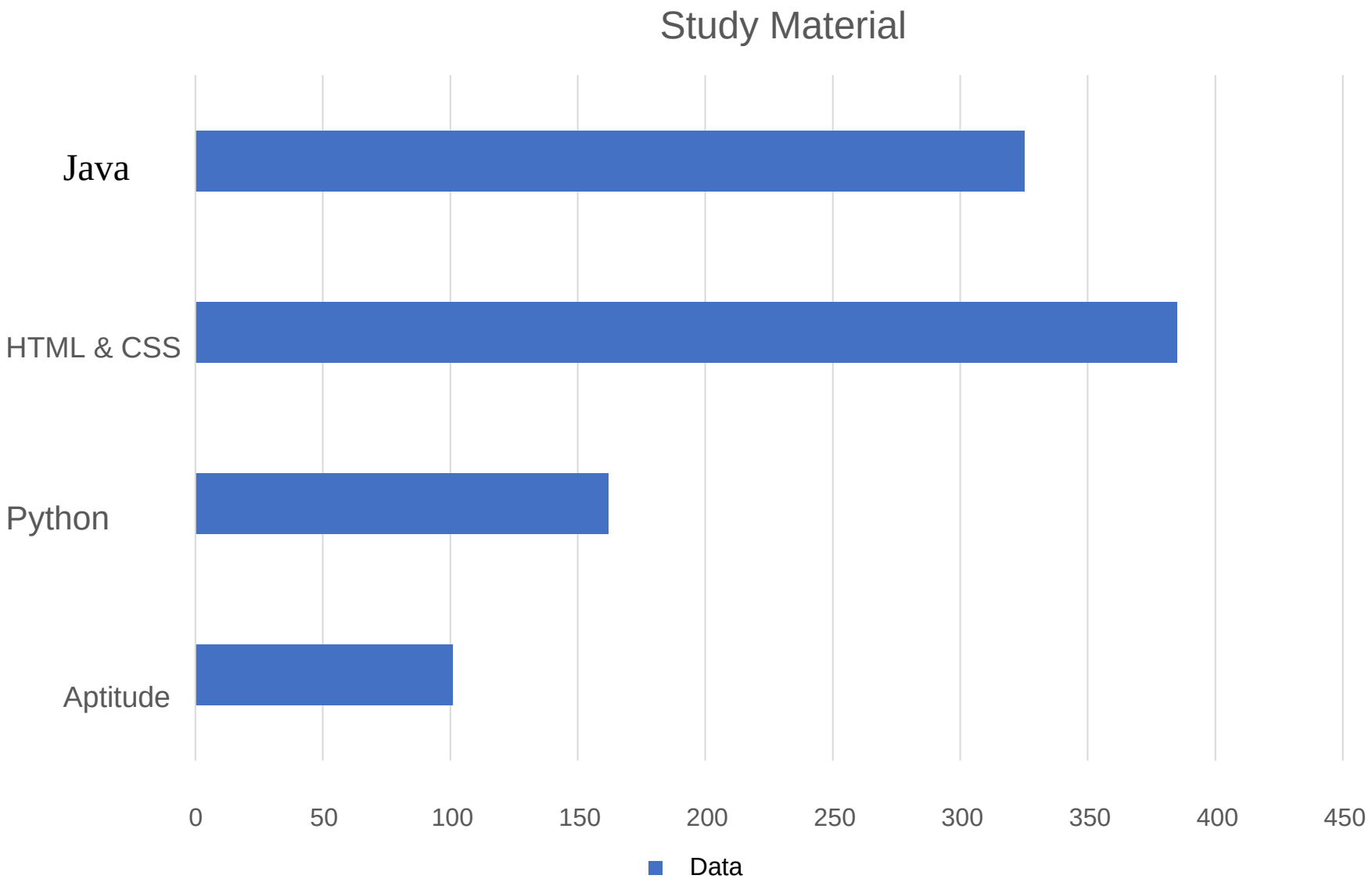
Output Screenshot



Testing

- Check whether the machine working properly on Search Engine.
- Check is there any issue in the implementation of Website.
- Check the Data provided is correct whether is correct or not.

Conclusion


Study Material
Java
HTML & CSS
Python
Aptitude
0
50
100
150
200
250
300
350
400
450
Data

BIBLIOGRAPHY

I have done this project with the help of my supervisor Mr. Ankit Verma & alumni mentor & taking references from the following:

www.edurekha.com

www.javatpoint.com

I used:

- VS Code
- Live Server
- Internet Explorer
- Chrome