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**o**

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**DIPLOMA IN INFORMATION TECHNOLOGY**

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**A**

**CAPSTONE PROJECT PLANNING REPORT ON**

# TOPIC NAME: Online learning Website(Edusoft)

Submitted by

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# CERTIFICATE

Certified that this Capstone Project Planning Report

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This report is partial fulfillment of Subject: Capstone Project Planning (22058) for the award of the Diploma in Information Technology, By MSBTE, Mumbai.

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**Date & Sign -**

**HOD PRINCIPAL**

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**ABSTRACT**

Online learning platform (edusoft) is a user friendly platform for all the people. The website allows a user to have his/her account login and then search for desired courses. The website checks for user choice and then queries the database for various available courses needed. The website then loads all that data and puts those choices in front of the user.

The user can now choose various courses related to that topic. When the user chooses the type of course option, the website also allows the user to book the course at the given price. Thus, this website automates and allows the user to check on his/her course completion.

The background of this effort is the establishment of business development in the field of education is growing rapidly has become the need of the whole world. One of these efforts that we encounter is the educational platform.In the middle of this pandemic and the daily crises of not getting to go to college or schools has made us develop such an useful platform. This study was conducted to determine the feasibility of a educational freedom.

Indoloka Wisata Mandiri from several aspects, namely: the market and marketing, technological, and financial aspects. This study is an exploratory feasibility study aimed to gain an overview and understanding of the problems and potential in educational. Research shows that by using the marketing mix strategy (marketing mix) that must be carried out by PT. Indoloka Wisata Mandiri to increase the number of tourists to the attractions annually, by committing to the 7 strategies include Product Strategy, Pricing Strategy, Strategy place, HR Strategy, Promotion Strategy, Strategy Process, and Physical Evidence. Based on the financial aspects, with an initial investment of Rp 150,000,000, - with operational cash flow in 2015 amounted to Rp.129.300.000, -, 2016 Rp. 131 100 000, -, 2017 amounting to Rp 133 350 000, -, 2018 Rp. 135 150 000, -, Net Present Value (NPV) generated Rp. 268 140 450, - is a positive value, BCR results amounted to 2.787 or more than one (> 1), then it means a decent investment. Results ARR 63.15%> 10% DF as feasible, and the payback period is within 1 year, 2 months.

**ACKNOWLEDGEMENT**

We wish to express our profound and sincere gratitude to our guide **Mrs. Kumbhar Mam**, who guided us into the intricacies of this Capstone -project nonchalantly with matchless magnanimity. We are indebted to her constant encouragement, cooperation and help. It was her enthusiastic support that helped us in overcoming the various obstacles in this project.

We would also like to express our thankfulness to our beloved principal H.O.D and other faculty members of our Third Year Department for extending their support and motivation.

Finally, we would be failing in our duty, if we don’t acknowledge the cooperation rendered during various stages of this Capstone-project by

**THANK YOU…!!!!**

**INTRODUCTION**

Often people get confused while learning something. First of all they hardly know what is best course for them. Further there comes money constraint. This system solves all problems of the client by providing them different packages and facility to personalize their education.

Our proposed project is an online learning platform that provides an effective solution for users to learn, manage and schedule their study routine according to their requirements and demands. And can even pursue their passion of teaching by uploading video lectures.

The most important part of the EduSoft is its course packages and customization. The database consists of a list of courses and their packages and video lectures. The system promises to build 3 different areas for demonstrating its functionality appropriately.

Our proposed system will consist of a user registration and login module for new users to register and login to the system.

The user may then view various course packages available. Users may choose the course and package as and when needed. The user can plan and book the course. Even a user can switch to instructor mode to upload the videos for specified category. Can apply for more than one course. After successful booking user can make payment via a demo credit card.

# **PROBLEM STATEMENT**

The purpose of website is established fact that Internet users are increasing today. One, of the main purposes of the website is to facilitate the offline customer online because customers cannot spend their precious time in markets trying to find out the best deal. India is a country where education has less priority so our website is a platform for many such students who seek for education as well as employment. The problem is that we although having many websites but they offer different kind of services. The customers are enjoying a lot but there is a lack of relationship between student and the teacher and hence we are establishing that relationship by caring and serving all customers in the same manner that we wish to be served.

Our priority will be our students and teachers and their requirements. There will be many users visiting the portal and hence we require a strong and reliable frontend which can withhold the users on our site. The data we will be consisting is very important that can help everyone and hence we need a strong database We need to build a world class team armed with knowledge and backed by technology to advise in managing their work and studies.

**LITERATURE SURVEY:**

We got the information about EduSoft website from book, internet and understood the concept from YouTube.

Our teacher also guided me on this microproject.

It will provide facilities to user such as platform for their studies and employment. The user will be able to explore new concepts along with studies.

We visited several websites related to educational platform though they were interactive but we will do our level best and will develop more reliable and user-friendly website.

Education is an intensive industry and Information and Communication Technology is a key driver for developing countries in organizing and marketing their educational products. With the help of ICT applications, users can view information regarding a courses, book the courses accordingly and upload lectures according to a specified category. This paper presents the survey followed by a detailed analysis of the obtained results.

This application is develop to provide best educational platform for students and teachers. We have developed online learning management system to provide a search platform where a user can find their courses according to their choices. This system also helps to promote responsible and interesting courses so that people can enjoy learning. This system also helps teachers for employment purpose and develop their confidences in teaching. We develop this system with an idea of encouraging more and more use of materials that are easily available in our daily life for the betterment of our studies. And an platform for teachers to show their skills in teaching.

We have studied the structure, working and functionalities of various Websites on educational platform. A lot of researchers have put ample emphasis on the use of the Internet in education and teaching industry. Learning is a natural human habit. However its intensity has increased in the last few decades owing mainly to the Technological revolutions in the last few decades and the consequent changes in the social systems. Today education is a necessity of the world and we need to take certain measures to achieve this. And to cater to its customers, they spend huge amount of dollars. It’s up to the user now how well they know these marketers and their strategies. Today a user wants every bit of educational information and thanks to internet; they have this knowledge on their fingertips.

We studied many similar websites for this purpose and some of them are listed below

Though some of them are listed on below:

1. Unacademy

Unacademy is an Indian educational technology company, based in Bangalore. Originally created as a youtube channel in 2010 by Gaurav Munjal, the company was founded in 2015. The company has a network of over 5, 00, 000 registered educators, and offers preparation material for several professional and educational entrance exams. Unacademy lessons are in the form of live classes both free and via subscription. Unacademy was officially registered as an education company in Bengaluru. A privately held company, Unacademy has secured funding through a series of offerings.

* Industry: Distance education, e-learning, m-learning
* Founder: Gaurav Munjal, Roman Saini, Hemesh Singh
* Founded in: 2015
* Headquarters: Bangalore, Karnataka, India
* Area served: India
* Products: Unacademy app, website

1. Udemy

Udemy, Inc is an American massive open online course provider aimed at professional adults and students. It was founded in may 2010 by Eren Bali, Gagan Biyani and Oktay Caglar. The platform has more than 44 million students, 183,000 courses, and 65000 instructors teaching courses in 75 languages. Students take courses primarily to improve job-related skills. Some courses generate credit toward technical certification. Udemy has made a special effort to attract corporate trainers seeking to create coursework for employees of their company.

* Industry: E-learning
* Founded: 2010
* Founders: Eren Bali, Gagan Biyani and Oktay Caglar
* Headquarters: San Francisco, California, U.S
* Area served: Worldwide

1. **Coursera**

Coursera Inc. is an American massive open online course provider founded in 2012 by Stanford university. Coursera work with universities and other organizations to offer online courses, certificates, and degrees in variety of subjects. In 2012 it was estimated that about 150 universities offered more than 4,000 courses through Coursera. Coursera courses last approximately four to twelve weeks, with one or two hours of video lecture a week. These courses provide quizzes, weekly exercises, peer-graded and reviewed assignments, and sometimes a final project or exam to complete the course.

* Type: Online Education
* Founded: 2012
* Founders: Andrew Ng, Daphen Koller
* Headquaters: Mountain View, California, U.S
* Area served: Worldwide
* Industry: Online Learning

1. **Skillshare**

Skillshare is an American online learning community for people who want to learn from educational videos. The courses, which are not accredited are available through subscription. The majority of courses focus on interaction rather than lecturing, with the primary goal of learning by completing a project. The main course categories include creative arts, design, entrepreneurship, lifestyle and technology. All courses are self-paced. Notable instructors include Seth Godin, Jessica Hische. In 2018, the company launched Skillshare originals, a collection of courses produced by the Skillshare’s in-house team.

* Type of business: Online Education
* Type of site: Public
* Available in: English
* Headquarters:New York City, U.S
* Area served: Worldwide
* Industry: E-learning
* Founders: Michael Karnjanaprakorm, Malcolm Ong
* Founded: 2010

**PROPOSED METHODOLOGY**

**ALGORITHM:**

STEP 1: Start

STEP 2: Sign in to tours and travels website

STEP 3: List of managed tours

STEP 4: Book tour

STEP 5: End

**DATA FLOW DIAGRAM:**

**List of tours**

**Sign in into websites**

**START**

**Book tour**

**End**

With all the advancements in technology, online travel booking websites has proved to be a blessing for the modern world. You can book tickets, find the best place to stay and more.

**Travel & Tours Website** was created so that clients can admin book tickets of clients for many packages of the tourist spots and also can check reservation details in his panel. Tours and Travels Project is designed in PHP programming language, as well as the MYSQL server used for this particular site.

Details Of different types of tours including tours such as family excursions, couple tours, general excursions, time and date of departure and the fair of those excursions, etc. are maintained. Through this site, we can offer different types of travel packages to the clients. These sites provide everything linked to its itineraries.

This website provides new Packages at a flexible price so that users can reserve easily. In accordance with season Admin can change packages, User Management, Customer details, Room Details, Currency details, Room Booking details, Tax details, Reports like Customer Details, Booking Report, Payment Report, Reserved Rooms, Print Invoice, Paid/ Unpaid Reservations.

**Features:**

* Online Package Enquiry
* Sub categories divided into Packages
* Admin panel
* Add/Update/Delete – Users, Category, Sub Category, Packages
* View Enquiry (Admin)

Here, User can check package details easily as all the packages are divided into sub category. User can Book packages online. Admin can Add/Update/Delete – Users, Category, Sub Category, Packages. Admin can also Add Advertisements To the site and Delete / Update it if they want & admin can view all the enquiry. The design of this project is pretty simple and user won’t find it difficult to understand, use and navigate.

In today’s world, almost everybody goes for outings and for this Tours and Travel booking agencies play a vital role. So, the aim of this project is to help these agencies to perform their activities in a more simple way by taking the advantage of technology. This Project of "Tour & Travel Website" is a web application that will give you the provision of saving any sort of packages. This framework was made with the goal that the administrator can book tickets for customers for some packages of the places of interest and furthermore can check reservation details on his board. This way customers can effortlessly make reservations for their favorite destinations and enjoy their journey.

Details Of various sorts of visits including visits, for example, family trips, couple visits, general journeys, time and date of flight and the fair of those outings, and so on are kept up. Through this site, we can offer various sorts of travel packages to the customers. These sites give everything connected to its agendas. Also, cost calculations are automated as per packages and taxes so that we can get accurate cost estimations for our reservations without any mistake.  All the Finances are also managed very well with this system.

**General functionality:**

• User-friend interface.

• Time construction.

• Easy integration and access.

• Internal communication. SMS communication and information will be sent in case of an emergency.

**Modules:**

* Travelers Module: Add Travelers, Edit, Delete, Activate, Deactivate
* Bookings: Add booking, Edit, Delete, Invoice
* Package Management: Add Package, Edit, Delete
* Tax Management: Add Tax, Edit, Delete
* Expense Management: Add Expense Category, Edit, Delete | Add Expense > Add, Edit, Delete
* Finance: Add Payment
* Currency: Add Currency, Edit, Delete
* Payment Types: Add Payment type, Edit, Delete
* Reports: Reports Management
* Income Report: Expense, Income, Booking
* Settings: Email, SMS

**Admin Panel:**

* HTML: HTML is used to create and save web document. E.g. Notepad/Notepad++
* CSS: (Cascading Style Sheets) Create attractive Layout
* JavaScript: it is a programming language, commonly use with web browsers.
* Back end: PHP, MySQL
* PHP: Hypertext Pre-processor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is open source software.

**REQUIREMENT ANALYSIS**

**HARDWARE**

* Windows Home 10
* RAM capacity- 8GB

**SOFTWARE**

* Xampp Server
* Sublime Text 3
* PhpMyAdmin database

**REFERENCES**

* <https://www.unacademy.com/>
* <https://www.udemy.in/>
* <https://www.coursera.>org
* <https://www.skillshare.com>
* <https://www.byjus.com>

**CONCLUSION**

It is very unique compared to other websites because in this we cover mostly all the requirements. And other websites mostly have only the learning option but it has teaching platform as well. In this we are providing convenience to the user as well as the teacher of category and much more. Descriptive detail of each course will be provided by the instructor to the students before buying that particular course which will help the user to decide weather it’s beneficial for him/her or not.

EduSoft simplifies the management process in Online education.

* + - Fast processing and immediate results with high security.
    - Minimizing human effort and cost-efficient databases.
    - Navigation through the site is easy.