

Native Application Development using flutter

SYNOPSIS

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In the partial fulfilment of the requirements
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BY

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Abstract

Flutter is a cross-platform User Interface development framework that is used to develop cross platform applications using a single code base. Flutter can be used to build beautiful, natively compiled application for various platforms such as Android, iOS, Windows, Mac, Linux, Web, etc. using a single codebase.

The key features of the Flutter Framework are Fast Development using the Hot Reload, Expressive and Flexible User Interface(UI) and the Native Performance.

Fast Development :

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Chapter 1

Introduction

1.1 Introduction

A website is considered as a facelift of an organization or institute. It contributes in generating extra revenue and also grabbing attention of more people. Right from a good content, easy navigation till the best services, a well designed website can attract the potential users in many ways. Remember, it is not an easy task to design a website. It requires a good study, efforts and strategies to be made for all the web pages.

A website is a collection of Web pages, images, videos and other digital assets that is hosted on Web server, usually accessible via the Internet, cell phone or a LAN. The pages of websites can usually be accessed from a common root URL called the homepage, and usually reside on the same physical server. The URLs of the pages organize them into a hierarchy, although the hyperlinks between them control how the reader perceives the overall structure and how the traffic flows between the different parts of the sites. A website requires attractive design and proper arrangement of links and images, which enables a browser to easily interpret and access the properties of the site. Hence it provides the browser with adequate information and functionality about the organization, community, network etc.

- **What is a Website Design?**

Website is also considered as an important factor that promotes the organization or institute. People can use it as a best way to get in touch with the organization or institute that offers the services or facilities which they have been looking for. There are millions of people who explore different services or facilities with the help of internet. Many companies consider it as an opportunity to grab the potential users attentions and thus gain a good traffic for the site. The more traffic a website gets, the high are the chances for organization or institute to generate good revenue.

1.2 ACM Keywords

1. IMC : Institute Management Committe
2. RTI : Right To Information

Chapter 2

Problem Statement

2.1 Problem Statement

Industrial Training Institute Website Designing.

2.2 Solving Approach

The website is to be developed using ASP.Net as the Front End and SQL Server as the Back End. C Sharp will be used for coding and ADO.Net providing the classes for database connectivity.

2.3 Outcomes

These are the different tags which will be included in the website :

1. Home :

- About Us
- IMC
- Placement
- Photo Gallery
- News
- RTI
- Contents

2. About Us :

It contains the information about the Institute such as its history, contact information.

3. IMC :

IMC means Institute Management Committee. It describes the Role And Responsibilities of IMC such as :

- Training of Faculty
- Development of Curriculum
- Appointment of Contract Faculty / Guest Faculty
- Selection of trainees
- Testing and certification.

4. Placement :

It contains the placement information.

5. Photo Gallery :

It contains the photos of institute , different functions held by the institute, etc.

6. News :

It contains the information about the exams, scholarships and so on.

7. RTI :

RTI means Right To Information. It describes the information about the responsible officers for providing information.

8. Contents :

It contains the various contents of the website.

Chapter 3

Plan of Dissertation execution

Chapter 4

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