**Chapter No: 1 – Introduction**

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**PROJECT SUMMARY**

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| **Project name** | ArtistHub |
| **Front End** | ASP .Net |
| **Back End** | SQL Server |
| **Developed by** | Pratap P. Odedara |
| **Tools** | Microsoft Visual Studio 2012 |
| **Testing** | Manual |
| **Task** | Analysis, Designing, Coding, Testing. |
| **Guided by** | **JAYDIP RATHOD** |
| **Developed at** | V J MODHA COLLEGE (PORBANDAR) |

**PURPOSE**

## Project Purpose

* With the evolution of technology and the wave of digitalization, more and more businesses are adapting to tech evolutions. You will find the digital payment options with the grocery sellers & street-side vendors as well. The ultimate purpose behind this evolution is to make shopping a hassle-free experience for everyone .
* If you are also non-techies who want to take their business online, Builderfly can be your savior. Builderfly is an ecommerce platform exclusively designed for individuals & businesses to start selling online, market & grow their business without any technicalities. So take your business to the World at your own pace.

**SCOPE**

## Project Scope:

* The scope of ArtistHub in expanding day bt day due to heavy number of internet users all over the world .people are spending more time in doing online shopping for various products availabel on the ecommerce plat forms.
* This system can be accessed 365/7/24 at anytime of day and night.

**TECHNOLOGY & LITERATURE REVIEW**

## ASP:

* ASP is a web development platform, which provides a programming model, a comprehensive software infrastructure and various services required to build up robust web applications for PC, as well as mobile devices.
* ASP.NET works on top of the HTTP protocol, and uses the HTTP commands and policies to set a browser-to-server bilateral communication and cooperation.
* ASP.NET is a part of Microsoft .Net platform. ASP.NET applications are compiled codes, written using the extensible and reusable components or objects present in .Net framework. These codes can use the entire hierarchy of classes in .Net framework.
* The ASP.NET application codes can be written in any of the following languages:

C#

Visual Basic.Net

Jscript

J#

## Why Use ASP?

* It is one of the most popular programming languages in the world

It is easy to learn and simple to use

* It has a huge community support
* ASP is an object-oriented language which gives a clear structure to programs and allows code to be reused, lowering development costs

Asp is a free web framework for building great websites and web applications using HTML, CSS, and JavaScript. You can also create Web APIs and use real-time technologies like Web Sockets.

## SQL Server:

* **SQL Server** is a relational database management system (RDBMS) developed by Microsoft. It is primarily designed and developed to compete with MySQL and Oracle database.
* SQL Server supports ANSI SQL, which is the standard SQL (Structured Query Language) language. However, SQL Server comes with its own implementation of the SQL language, T-SQL (Transact-SQL).