**UNIVERSITATEA DIN BUCUREȘTI**

**FACULTATEA DE MATEMATICĂ ȘI INFORMATICĂ**

**SPECIALIZAREA INFORMATICĂ**

**LUCRARE DE DIPLOMĂ**

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**CUPRINS**

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**INTRODUCERE**

Prezenta lucrare își propune să

**CAPITOLUL I. NOȚIUNI GENERALE PRIVIND TEHNOLOGIILE FOLOSITE**

ASP.NET

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**ASP.NET** is an [open source](http://en.wikipedia.org/wiki/Open_source)[[2]](http://en.wikipedia.org/wiki/ASP.NET#cite_note-2) [server-side](http://en.wikipedia.org/wiki/Server-side_scripting) [Web application framework](http://en.wikipedia.org/wiki/Web_application_framework) designed for [Web development](http://en.wikipedia.org/wiki/Web_development) to produce [dynamic Web pages](http://en.wikipedia.org/wiki/Dynamic_Web_pages). It was developed by [Microsoft](http://en.wikipedia.org/wiki/Microsoft) to allow [programmers](http://en.wikipedia.org/wiki/Programmer) to build dynamic [web sites](http://en.wikipedia.org/wiki/Web_site), [web applications](http://en.wikipedia.org/wiki/Web_application) and [web services](http://en.wikipedia.org/wiki/Web_service).

ASP.NET 1.0 was released on January 5, 2002 as part of version 1.0 of the [.NET Framework](http://en.wikipedia.org/wiki/.NET_Framework). Even prior to the release, dozens of books had been written about ASP.NET,[[4]](http://en.wikipedia.org/wiki/ASP.NET" \l "cite_note-4) and Microsoft promoted it heavily as part of its platform for Web services

**Microsoft Visual Studio** is an [integrated development environment](http://en.wikipedia.org/wiki/Integrated_development_environment) (IDE) from [Microsoft](http://en.wikipedia.org/wiki/Microsoft). It is used to develop [computer programs](http://en.wikipedia.org/wiki/Computer_program) for [Microsoft Windows](http://en.wikipedia.org/wiki/Microsoft_Windows), as well as [web sites](http://en.wikipedia.org/wiki/Web_site), [web applications](http://en.wikipedia.org/wiki/Web_application) and [web services](http://en.wikipedia.org/wiki/Web_service).

Visual Studio supports different [programming languages](http://en.wikipedia.org/wiki/Programming_language) and allows the code editor and debugger to support (to varying degrees) nearly any programming language, provided a language-specific service exists. Built-in languages include [C](http://en.wikipedia.org/wiki/C_(programming_language)),[[6]](http://en.wikipedia.org/wiki/Microsoft_Visual_Studio#cite_note-6) [C++](http://en.wikipedia.org/wiki/C%2B%2B)and [C++/CLI](http://en.wikipedia.org/wiki/C%2B%2B/CLI) (via [Visual C++](http://en.wikipedia.org/wiki/Visual_C%2B%2B)), [VB.NET](http://en.wikipedia.org/wiki/VB.NET) (via [Visual Basic .NET](http://en.wikipedia.org/wiki/Visual_Basic_.NET)), [C#](http://en.wikipedia.org/wiki/C_Sharp_(programming_language)) (via [Visual C#](http://en.wikipedia.org/wiki/Visual_C_Sharp)), and [F#](http://en.wikipedia.org/wiki/F_Sharp_(programming_language)) (as of Visual Studio 2010[[7]](http://en.wikipedia.org/wiki/Microsoft_Visual_Studio#cite_note-7)). Support for other languages such as [M](http://en.wikipedia.org/wiki/MUMPS), [Python](http://en.wikipedia.org/wiki/IronPython), and [Ruby](http://en.wikipedia.org/wiki/IronRuby) among others is available via language services installed separately. It also supports [XML](http://en.wikipedia.org/wiki/XML)/[XSLT](http://en.wikipedia.org/wiki/XSLT), [HTML](http://en.wikipedia.org/wiki/HTML)/[XHTML](http://en.wikipedia.org/wiki/XHTML), [JavaScript](http://en.wikipedia.org/wiki/JavaScript) and [CSS](http://en.wikipedia.org/wiki/Cascading_Style_Sheets). Java (and J#) were supported in the past.

**IDE** este o abreviere care poate însemna:

* [Mediu de dezvoltare](http://ro.wikipedia.org/wiki/Mediu_de_dezvoltare) a programelor de calculator (din engleză *Integrated Development Environment*)

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1. \*\*\* <http://www.asp.net/>
2. \*\*\*<http://www.codeproject.com/>
3. Sitepoint 2010, The Principles of Beautiful Web Design by Jason Beaird, Canada