

Aplicación para administrar clientes, cortes y generar fichas hotspot desarrollada con tecnología .NET [

2022

text (article)

Analítica

This article shows the development of a custom-made Windows Forms desktop application that allows the management of users with their access permissions, clients, hotspot generation and client outage management for a wireless internet service provider (WISP). The SCRUM framework was followed, with a waterfall life cycle, interviews were conducted to obtain the requirements, the Unified Modeling Language (UML) was used in the design, a monolithic architecture with a layered design was used, for the development of the application the .NET technology was used with the C# programming language and with the help of the integrated development environment Visual Studio in its Community 2019 version and the SQL Server 2019 Database Management System in Express version and the iText 7 Community software library was used for the time taken by the service provider to generate the tokens and the text file containing the user name and password was reduced by 94.96%, it was guaranteed that the passwords to access the Internet service are unique, it allowed the administration of users and the cutting of clients at the different access points, and the system was fast and efficient.Keywords: Application .NET, Hotspot, WISP.doi: https://doi.org/10.36825/RITI. 10.20.001

This article shows the development of a custom-made Windows Forms desktop application that allows the management of users with their access permissions, clients, hotspot generation and client outage management for a wireless internet service provider (WISP). The SCRUM framework was followed, with a waterfall life cycle, interviews were conducted to obtain the requirements, the Unified Modeling Language (UML) was used in the design, a monolithic architecture with a layered design was used, for the development of the application the .NET technology was used with the C# programming language and with the help of the integrated development environment Visual Studio in its Community 2019 version and the SQL Server 2019 Database Management System in Express version and the iText 7 Community software library was used for the time taken by the service provider to generate the tokens and the text file containing the user name and password was reduced by 94.96%, it was guaranteed that the passwords to access the Internet service are unique, it allowed the administration of users and the cutting of clients at the different access points, and the system was fast and efficient.Keywords: Application .NET, Hotspot, WISP.doi: https://doi.org/10.36825/RITI. 10.20.001

**Título:** Aplicación para administrar clientes, cortes y generar fichas hotspot desarrollada con tecnología .NET electronic resource]

## Editorial: 2022

Tipo Audiovisual: Aplicación NET Hotspot WISP

**Documento fuente:** Revista de Investigación en Tecnologías de la Información: RITI, ISSN 2387-0893, Vol. 10, N°. 20, 2022 (Ejemplar dedicado a: Enero-Junio), pags. 1-15

Nota general: application/pdf

Restricciones de acceso: Open access content. Open access content star

**Condiciones de uso y reproducción:** LICENCIA DE USO: Los documentos a texto completo incluidos en Dialnet son de acceso libre y propiedad de sus autores y/o editores. Por tanto, cualquier acto de reproducción, distribución, comunicación pública y/o transformación total o parcial requiere el consentimiento expreso y escrito de aquéllos. Cualquier enlace al texto completo de estos documentos deberá hacerse a través de la URL oficial de éstos en Dialnet. Más información: https://dialnet.unirioja.es/info/derechosOAI | INTELLECTUAL PROPERTY RIGHTS STATEMENT: Full text documents hosted by Dialnet are protected by copyright and/or related rights. This digital object is accessible without charge, but its use is subject to the licensing conditions set by its authors or editors. Unless expressly stated otherwise in the licensing conditions, you are free to linking, browsing, printing and making a copy for your own personal purposes. All other acts of reproduction and communication to the public are subject to the licensing conditions expressed by editors and authors and require consent from them. Any link to this document should be made using its official URL in Dialnet. More info: https://dialnet.unirioja.es/info/derechosOAI

## Lengua: Spanish

**Enlace a fuente de información:** Revista de Investigación en Tecnologías de la Información: RITI, ISSN 2387-0893, Vol. 10, N°. 20, 2022 (Ejemplar dedicado a: Enero-Junio), pags. 1-15

## **Baratz Innovación Documental**

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es