

## **SIE-SECURITY**

Mircea Iosif NEAMȚU  
Iulian ALEXE

Ph.D., lecturer, 'Lucian Blaga' University, Scientific faculty, Sibiu  
neamtu12@yahoo.com

Tester, 'Lucian Blaga' University, Scientific faculty, Sibiu  
alexe\_yulian@yahoo.com

**Abstract:** The purpose of this paper is to present the application named SIE-Security providing web programmers with a tool that searches vulnerable links within their web site (i.e. a product page), attempting to perform an SQL Injection and finally, trying to find the admin login page and crack the MD5 hashed password (inappropriately called "crack" because we are actually using Rainbow tables). The application is structured on three tabs, each corresponding to the actions performed by the application and, if you take into consideration that this is a project in development, it could be considered an All-In-One database security testing utility.

**Keywords:** commerce, application, vulnerable, attack, decryption, security, testing

### **Bibliography:**

1. Mircea, Neamțu. Programare Distribuită, Editura Alma Mater, 2005
2. Mircea, Neamțu. Open Source & Free Software, Casa de Presă și Editură TRIBUNA, 2008
3. Mircea, Neamțu. Programarea pe Web & Joomla în 10 Lecții, Editura Universitatii Lucian Blaga din Sibiu, 2009
4. Mircea, Neamțu. Vulnerabilitatea pe Web, Note de curs

### **Web pages**

1. <http://www.c-sharpcorner.com/>
2. <http://www.codeproject.com>
3. [http://en.wikipedia.org/wiki/SQL\\_injection](http://en.wikipedia.org/wiki/SQL_injection)