CySec Report

Group 3: Team SERCURITY

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Theme: A website for Cyber Security news.

1 Background

The topic of Cyber Security is an important topic that is relevant currently, and news related to it should be more well-known and accessible to the public eye.

At the moment, there are plenty of news websites out there, and one of our goals is help avoiding the need to open several sites at the same time, by letting the users look up at all the news from our website.

We plan to make a website that show articles from several big news sources (e.g., CNN, Fox, MSN, etc.) and categorize that data into an easy-to-read format on our website.

Our main focus for the website is the user's personalized experience. We plan to let user choose their own custom feed - such as which topics of cyber security and from which sources the news from, etc... as well as some quality-of-life features like saving articles, suggesting related articles,...

2 Website Analysis

2.1 a. List five existing websites that are relevant to the theme and describes what functions the websites have

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- http://www.securityfocus.com/ Some of the functions of this website are to feature computer security vulnerabilities. It goes by the name BugTraq and is a full disclosure mailing list for detailed discussions and annoucements related to computer security.

- http://www.linuxsecurity.com/ Some of the functions of this site feature categories such as HowTos,Distribution Security Advisiories,and News. Another function this sign has is a sign in option located on the top right of the page along with a Contrubution button to allow users to donate money. The site seems to be well organized with a lot of different information related to cybersecurity. It features links to social media pages and a counter of advisories each week.

2.2   b. List and describe the functions the group would like to implement in the website

- **Headline and Categorization** Every article of our website will have headline, which include the title, source, topic tag, and if possible, a quick summary. Our articles will be filtered and categorized using topic tag, which is a keyword that groups articles of the same topic together so users can search for related articles easier.

- **Top News** Our website will have a section for featured news from other sites. This can help users quickly get in the loop of what is popular topic of the week/month.

- **User Account** One of our main-focused feature, we want users with account to be able to customize their new feeds on our website, such as choosing what kind of topics they see everyday or filter out what news sources they want to see articles from, as well as saving their favorite article.

- **Easy to navigate design** We want to make our website simple to get around and accessible to anyone, such as the Navigation bar should follow the user instead of staying on top of the page.

- **Comment Thread and Rating** User with (and probably without) account will be able to comment on a news article, as well as rating them, which also helps us determine the quality of the news sources we using, as well as determining the popular articles of the week/month.

2.3   c. Use a table to compare your proposed website and the existing websites

	Our Proposed Website	Web 1	Web 2	Web 3	Web 4	Web 5
Headline/Top News						
Categorization						
User Account						
Easy to navigate design						
Comment Thread and Rating						

V:Able to perform the task
X:Unable to perform the task
O:Able to perform the task with poor interactive design