

Project	IEEE 802.16 Broadband Wireless Access Working Group	
Title	Web-based Voting System for IEEE 802.16 Broadband Wireless Access Working Group	
Date Submitted	1999-12-03	
Source	Lynn Acker Kristi Ashton David Gauthier Sravani Bhattacharjee University of Colorado, Interdisciplinary Telecommunications Program	ackerl@ibm.net ashton@tesscom.com dgauthier12@hotmail.com sravani.bhattacharjee@colorado.edu
Re:	IEEE 802.16-99/07, which solicited comments and suggestions on “ideas for collecting and processing the data of many evaluators.”	
Abstract	This web-based voting system will allow members of 802.16 to vote remotely. It is an HTML front end with Java script in the code to calculate the average deviation. On the backend, there will be an Access database, which will calculate the scores. Cold Fusion is the proposed middleware software that will translate the HTML form into the database. Any number of reports can be run off this database. Additionally, this database will have great potential for archival purposes. The database will need to be hosted on a web server. Members will access the server over the Internet to place their votes.	
Purpose	The purpose of this voting system is for members of the working group to vote on contributions remotely.	
Notice	This document has been prepared to assist the IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.	
Release	The contributor acknowledges and accepts that this contribution may be made public by 802.16.	
IEEE Patent Policy	The contributor is familiar with the IEEE Patent Policy, which is set forth in the IEEE-SA Standards Board Bylaws < http://standards.ieee.org/guides/bylaws > and includes the statement: “IEEE standards may include the known use of patent(s), including patent applications, if there is technical justification in the opinion of the standards-developing committee and provided the IEEE receives assurance from the patent holder that it will license applicants under reasonable terms and conditions for the purpose of implementing the standard.”	

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<HEAD>
<TITLE>Voting</TITLE>
<script LANGUAGE="JavaScript" SRC="/formcheck.js"></script>
<script LANGUAGE="JAVASCRIPT">

function Array2d(dim1, dim2)
{
    for (var i =0; i <dim1;i++)
    {
        this[i] = new Array(dim2);
    }
    this.length = new Array(dim1, dim2);
}

function average()
{

    var sum;
    var bob;
    var string = "document.test.elements[\"Mcat\"";
    var string2 = "\"\"";
    var string3 = "document.test.elements[\"Mmeandoc\"";
    var string4 = "\"\".value=";
    var calcArray = new Array2d(16, 16); // Get the array
    var resultsArray = new Array(16);

    // Populate the array
    for (var i = 0; i < 16; i++) //loop for columns
    {
        sum = 0; // Reset the sum
        five = 0; // Reset the absolute value
        ab = 0;
        for (var j = 0; j < 16; j++) //Loop for rows
        {
            calcArray[i][j]= eval(string+i+"doc"+j+string2+".value;");
            ab = Math.abs(5 - parseFloat(calcArray[i][j]));
            sum += (ab);
            resultsArray[i] = parseFloat(sum / 16);
        } // End of inner for loop
    } // End of for loop

    sum=0;
    document.test.elements["Mmeandoc1"].value = resultsArray[1];
    for (i=0;i<16;i++)
    {
        bob=resultsArray[i];
        eval(string3+i+string4+ bob);
    }
}

</script>

</HEAD>
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<H1 align="center">IEEE 802.16 Broadband Wireless Access Working Group:  MAC Task Group</H1>
<H3 align="center">Evaluation Form:  Session #5 (Date)</H3>
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<H3>Scoring 1-10</H3>
<H4>10: Ideal &nbsp;&nbsp;&nbsp; 6: Worthy of further investigation &nbsp;&nbsp;&nbsp; 0: Worthless</H4>
<p>To find average deviation of scores hit the "Calculate Mean Deviation" button at any time during
the voting process. Your mean deviation will be dynamically updated. To submit final scores to
database, press the "Submit" button. </p>

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<HR>*Mean deviation cap is 2.5, the center point is 5.

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