**Product Name:** Dynamically Generated Measures of Math

**Product Description**
A site for teachers to develop worksheets and diagnostic assessments in all four operations (addition, subtraction, multiplication, and division) in grades K-5. Problem type and difficulty can be manipulated to reflect important operation skills (e.g. borrowing, carrying, etc.).

**List of Essential Features**
- Computer generated tests for addition, subtraction, multiplication, and division
- Teachers can build tests based on structuring parameters for each operation
- Students take tests online and responses recorded in database
- Interactive reporting tools for use in assessments and inclusion in student portfolios

**Audience**
For teachers of grades K-5 wanting to create tests dynamically that can be taken online.

**Demonstration of Product:** [http://dynmeasures.brtprojects.org/register](http://dynmeasures.brtprojects.org/register)
Teachers select grade and then operation.

Each operation has multiple parameters that can be modified.
Teachers can add students and assign them to one or multiple.
View tests and assign to groups.

View test information for each student.
View individual student reports.

### Jane Doe
**Grade 3 Addition**

<table>
<thead>
<tr>
<th>Test</th>
<th>Date Taken</th>
<th>Score</th>
<th>Correctness</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Addition - Grade 3 Addition</td>
<td>February 06, 2012</td>
<td>67%</td>
<td>(4 of 6)</td>
<td>View Details</td>
</tr>
<tr>
<td>Addition - Grade 3 Addition</td>
<td>February 06, 2012</td>
<td>67%</td>
<td>(4 of 6)</td>
<td>View Details</td>
</tr>
<tr>
<td>Addition - Grade 3 Addition</td>
<td>February 06, 2012</td>
<td>50%</td>
<td>(3 of 6)</td>
<td>View Details</td>
</tr>
<tr>
<td>Addition - Grade 3 Addition</td>
<td>February 06, 2012</td>
<td>50%</td>
<td>% (3 / 6)</td>
<td>View Details</td>
</tr>
</tbody>
</table>
A record of the student’s test is available in detail view.

View group report for a test.