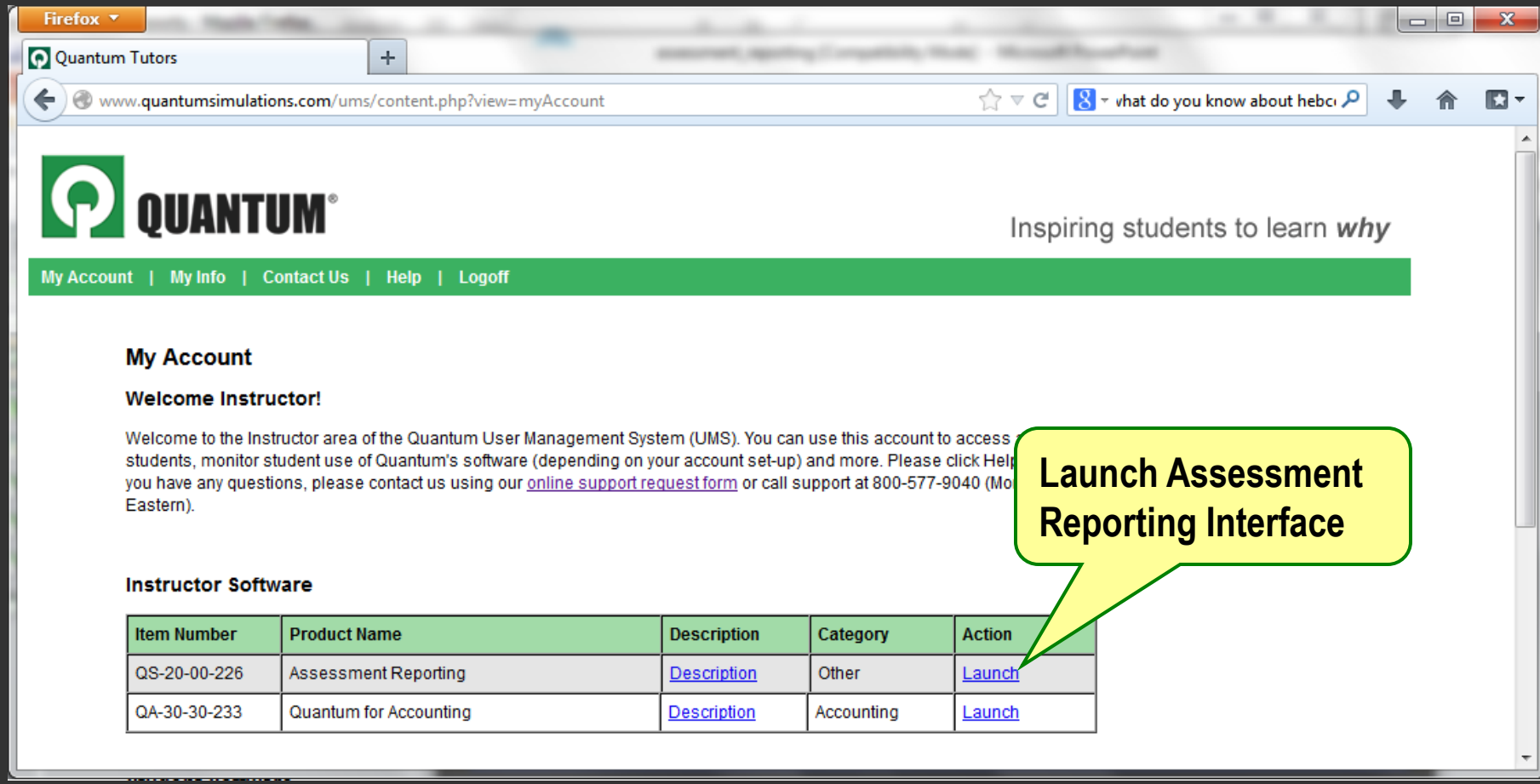
Quantum Real-Time Assessment Reports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Welcome Instructor!
Welcome to the Instructor area of the Quantum User Management System (UMS). You can use this account to access
students, monitor student use of Quantum's software (depending on your account set-up) and more. Please click Help
you have any questions, please contact us using our online support request form or call support at 800-577-9040 (Mo
Eastern).
Launch Assessment Reporting Interface
Instructor Software
Item Number
Product Name
Description
Category
Action
QS-20-00-226
Assessment Reporting
Description
Other
Launch
QA-30-30-233
Quantum for Accounting
Description
Accounting
Launch

Quantum Simulations Reports - Mozilla Firefox

https://acct.quantumsimulations.com/reporting/Default.aspx

QUANTUM

Assessment Reporting

Home | Generate New Report | My Reports | Help

Welcome

Quantum offers detailed assessment reports by tutoring topic to:

- ✓ Measure class improvement.
- ✓ Measure class mastery.
- ✓ View common conceptual errors.
- ✓ View frequently asked student questions.
- ✓ Assign credit based on student work completed and level of mastery achieved.
- ✓ View individual student "How am I doing?" reports for remediation.

View a sample assessment report visit:
http://www.quantumsimulations.com/pdfs/assessment_reporting.pdf

To request a report, click Generate New Report

Questions? Contact Quantum Support at http://ww...ntumsimulations.com/support

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My Account

Welcome Instructo

Welcome to the Instruc
students, monitor stude
you have any questions
Eastern).

Instructor Softwar

Item Number	Product Name	Description	Category	Action
QS-20-00-226	Assessment Reporting	Description	Other	Launch
QA-30-30-233	Quantum for Accounting	Description	Accounting	Launch

New Reports - Mozilla Firefox

https://acct.quantumsimulations.com/reporting/NewReports.aspx

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Generate New Report

Complete the information below and click **Generate New Report**. You can access reports by clicking **My Reports** in the top navigation. Click on **Help** or contact Quantum support if you have any questions.

Name Your Report:

Select Section(s):

☐ Accounting Principles I

- **Name your report**
- **Select Orders/Sections**
- **Select Topic**
- **Select Date Range**

Select a Topic:

Select a Date Range: To:

Generate New Report

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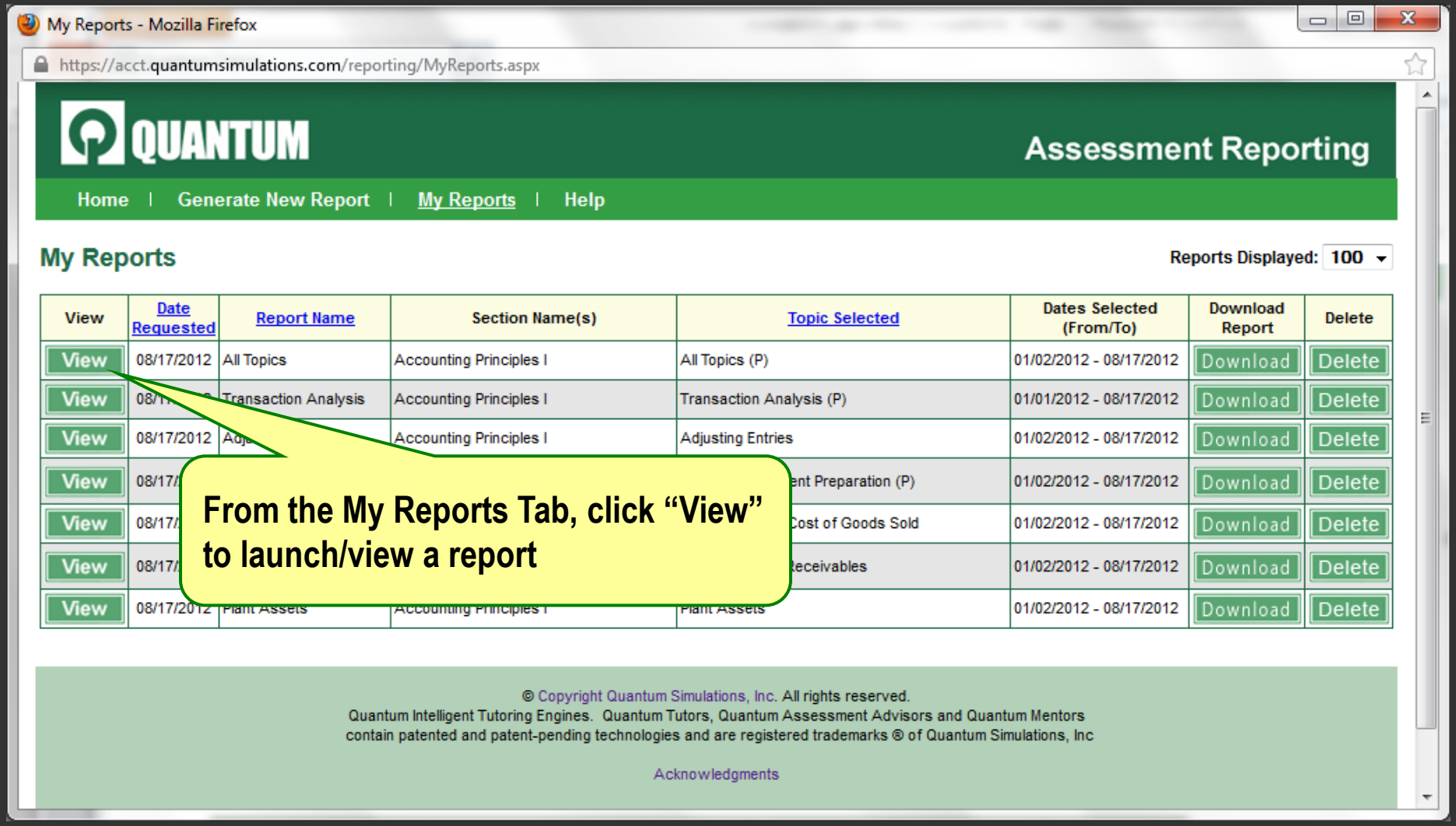
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Assessment Reporting
Home | Generate New Report | My Reports | Help
My Reports
Reports Displayed: 100
View | Date Requested | Report Name | Section Name(s) | Topic Selected | Dates Selected (From/To) | Download Report | Delete
View | 08/17/2012 | All Topics | Accounting Principles I | All Topics (P) | 01/02/2012 - 08/17/2012 | Download | Delete
View | 08/17/2012 | Transaction Analysis | Accounting Principles I | Transaction Analysis (P) | 01/01/2012 - 08/17/2012 | Download | Delete
View | 08/17/2012 | Adjusting Entries | Accounting Principles I | Adjusting Entries | 01/02/2012 - 08/17/2012 | Download | Delete
View | 08/17/2012 | Plant Assets | Accounting Principles I | Plant Assets | 01/02/2012 - 08/17/2012 | Download | Delete
From the My Reports Tab, click "View" to launch/view a report
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Student Topic Mastery - Mozilla Firefox

https://acct.quantumsimulations.com/reporting/StudentTopicMastery.aspx

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Student Mastery By Topic | Download Report

Student Mastery By Topic

The Student Mastery by Topic Report examines overall mastery achieved by student by topic for the time period selected. Mastery is determined by the percent of content mastered for the topic.

Report Name: All Topics
Topic: All Topics (Proprietorship)
Date Range: 1/2/2012 - 8/17/2012
For: Instructor Renshaw
Section Name(s): Accounting Principles I

See how much the class improved by topic with the All Topics Report

Print

Topic Mastery By Student

High | Medium | Low | Incomplete

Student Name	Transaction Analysis	Adjusting Entries	Financial Statement Preparation	Inventories and Cost of Goods Sold	Accounting for Receivables	Plant Assets	Stockholders' Equity	Long-Term Liabilities	Statement of Cash Flows	Cost-Volume-Profit
Class Averages	94.5%	95.2%	93.8%	95.4%	93.2%	100.0%				
A, Dan	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%				
H, Meghan	100.0%	100.0%	100.0%	88.9%	100.0%	100.0%				
K, Debbie	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%				
L, Cat	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%				
M, Alba	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%				
N, Kerry	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%				
P, Matthew	100.0%	87.5%		88.9%						
R, Jeanette	100.0%	100.0%	100.0%	88.9%	100.0%	100.0%				
R, Sandi	100.0%	100.0%	100.0%	88.9%	100.0%	100.0%				
T, Ty	28.6%	50.0%	75.0%	100.0%		100.0%				
W, Michael	100.0%	100.0%	100.0%	100.0%	75.0%	100.0%				
W, S	100.0%	100.0%	50.0%	88.9%	100.0%	100.0%				
Y, Amanda	100.0%	100.0%	100.0%		50.0%	100.0%				
Class Averages	94.5%	95.2%	93.8%	95.4%	93.2%	100.0%				

Class Improvement - Mozilla Firefox

https://acct.quantumsimulations.com/reporting/ClassAssments.aspx

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Assessment Reporting

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Class Assessment | Errors by Type | Assessed Item Detail | Questions | Download Report

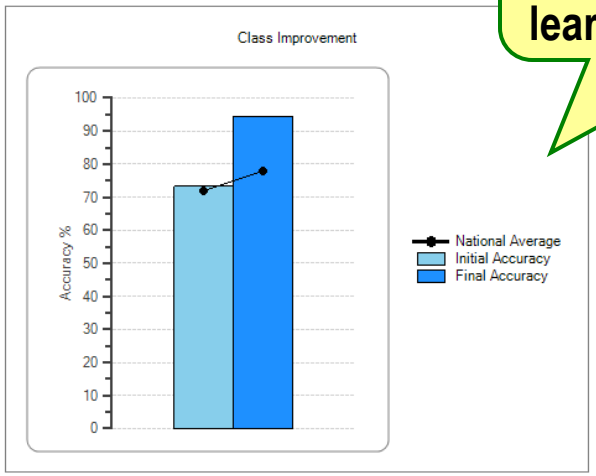
Class Improvement | Class Mastery | Student Mastery

Class Improvement

The Class Improvement Report establishes a benchmark of student accuracy when first attempting a topic then measures student improvement after using Quantum for the time period selected.

Report Name: Transaction Analysis
Topic: Transaction Analysis (Proprietorship)
Date Range: 1/1/2012 - 8/17/2012
For: Instructor Renshaw
Section Name(s): Accounting Principles I

See how much the class improved by topic and learning concept



Class Improvement		
Initial Accuracy	Final Accuracy	Overall Improvement
73.3 %	94.5 %	21.2 %

Concepts and Skills				
Items	Completed	Initial Accuracy	Final Accuracy	Overall Improvement
Accounting Equation	258	52.4 %	94.5 %	42.1 %
Accounting Journal	258	76.9 %	94.5 %	17.6 %
Accounting Ledger	258	90.5 %	94.5 %	4.0 %
TOTAL	**774**	**73.3 %**	**94.5 %**	**21.2 %**

Class Mastery - Mozilla Firefox

https://acct.quantumsimulations.com/reporting/ClassMastery.aspx

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Assessment Reporting

Home | Generate New Report | My Reports | Help

Class Assessment | Errors by Type | Assessed Item Detail | Questions | Download Report

Class Improvement | Class Mastery | Student Mastery

The Class Mastery Report monitors mastery achieved by the class for the time period selected. Mastery is determined by the total percent of Concepts and Skills mastered for the

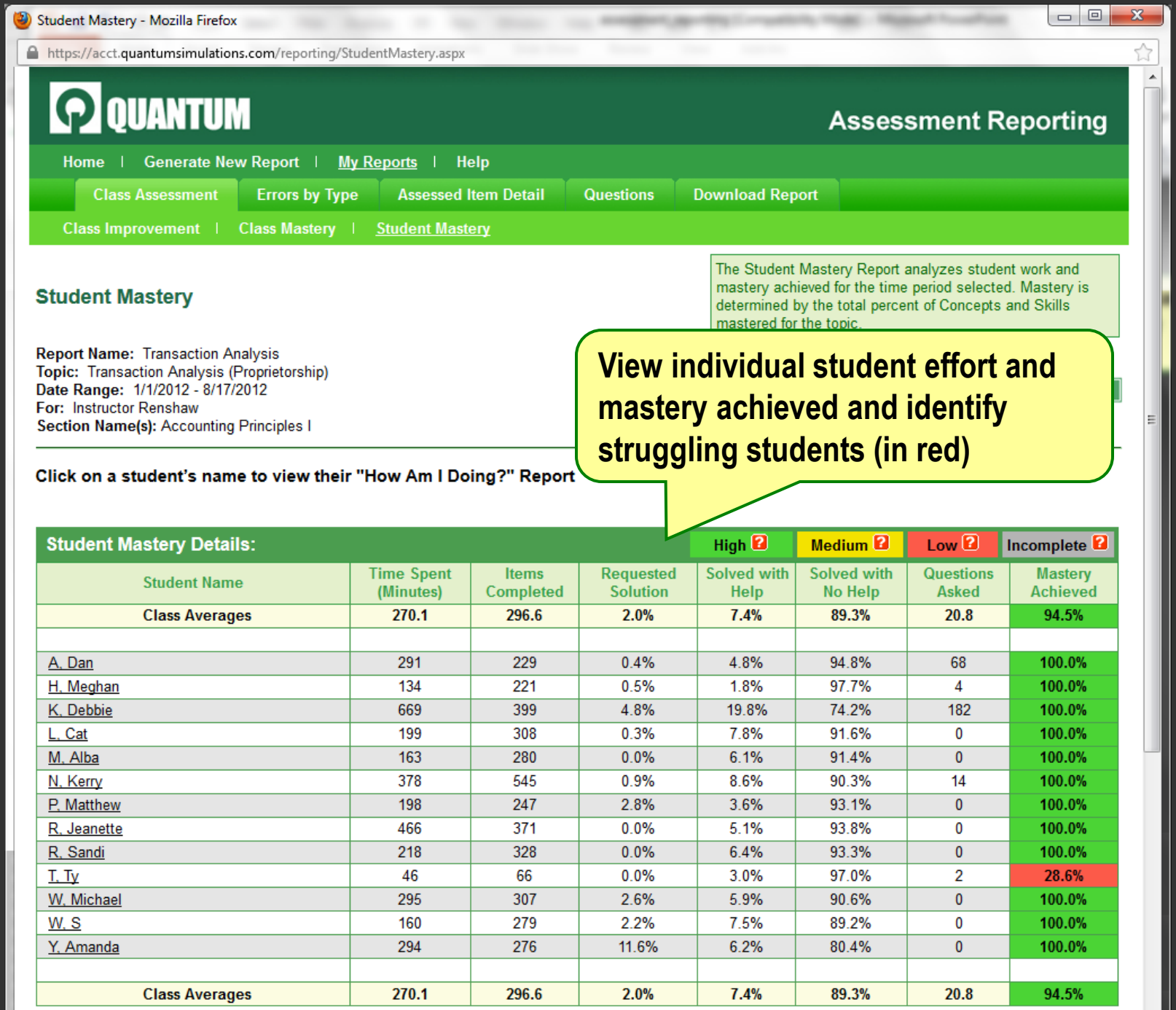
Class Mastery

Report Name: Transaction Analysis
Topic: Transaction Analysis (Proprietorship)
Date Range: 1/1/2012 - 8/17/2012
For: Instructor Renshaw
Section Name(s): Accounting Principles I

Print

See level of mastery achieved for the class

Class Mastery	Incomplete	Low	Medium	High
Incomplete	Low	Medium	High	
0.0%	7.7%	0.0%	92.3%	


Student Mastery - Mozilla Firefox
https://acct.quantumsimulations.com/reporting/StudentMastery.aspx
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Assessment Reporting
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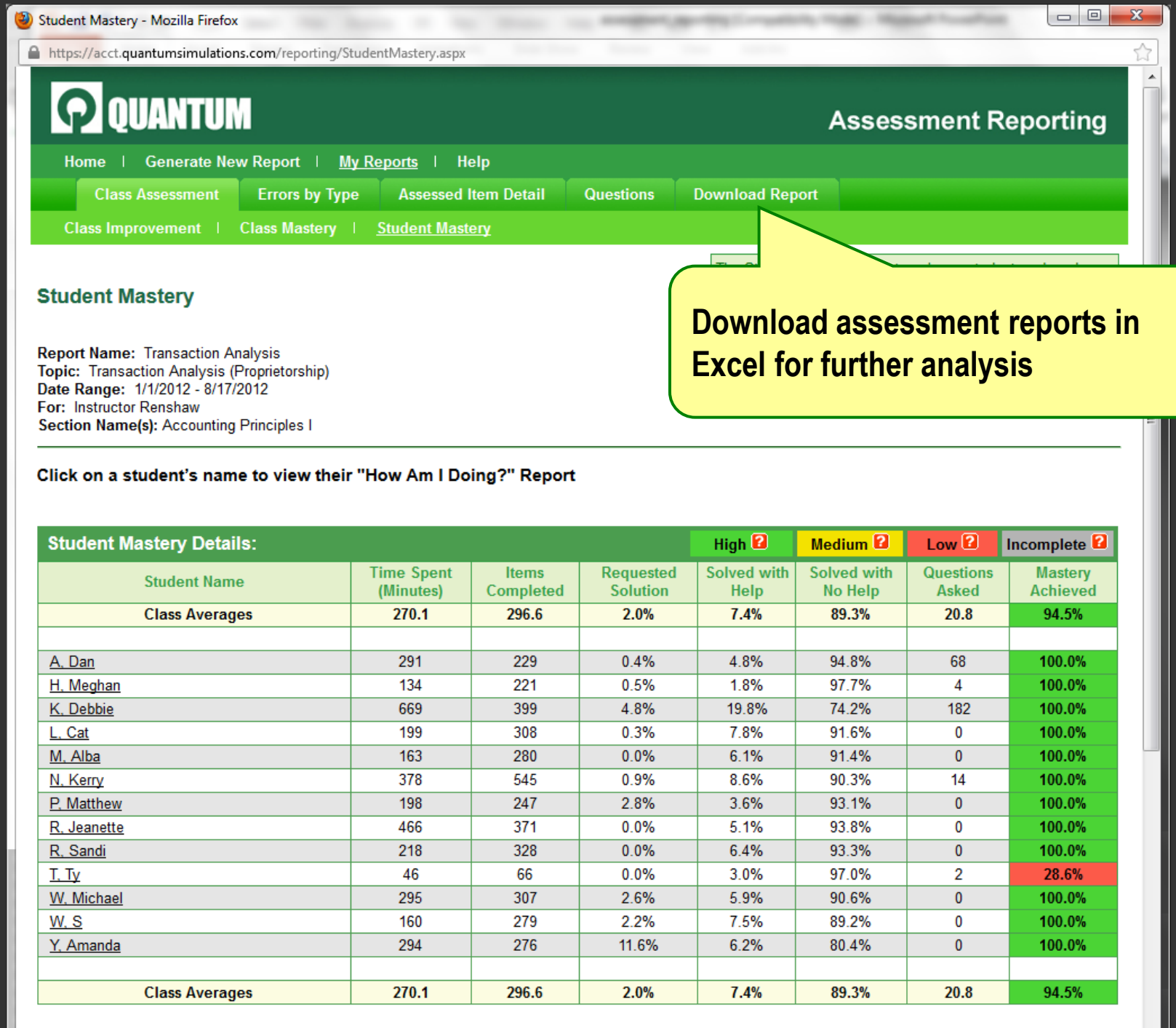
Class Assessment
Errors by Type
Assessed Item Detail
Questions
Download Report
Class Improvement | Class Mastery | Student Mastery
Student Mastery
The Student Mastery Report analyzes student work and mastery achieved for the time period selected. Mastery is determined by the total percent of Concepts and Skills mastered for the topic.
Report Name: Transaction Analysis
Topic: Transaction Analysis (Proprietorship)
Date Range: 1/1/2012 - 8/17/2012
For: Instructor Renshaw
Section Name(s): Accounting Principles I
View individual student effort and mastery achieved and identify struggling students (in red)
Click on a student's name to view their "How Am I Doing?" Report
Student Mastery Details:
High
Medium
Low
Incomplete
Student Name
Time Spent (Minutes)
Items Completed
Requested Solution
Solved with Help
Solved with No Help
Questions Asked
Mastery Achieved
Class Averages 270.1 296.6 2.0% 7.4% 89.3% 20.8 94.5%
A. Dan 291 229 0.4% 4.8% 94.8% 68 100.0%
H. Meghan 134 221 0.5% 1.8% 97.7% 4 100.0%
K. Debbie 669 399 4.8% 19.8% 74.2% 182 100.0%
L. Cat 199 308 0.3% 7.8% 91.6% 0 100.0%
M. Alba 163 280 0.0% 6.1% 91.4% 0 100.0%
N. Kerry 378 545 0.9% 8.6% 90.3% 14 100.0%
P. Matthew 198 247 2.8% 3.6% 93.1% 0 100.0%
R. Jeanette 466 371 0.0% 5.1% 93.8% 0 100.0%
R. Sandi 218 328 0.0% 6.4% 93.3% 0 100.0%
T. Ty 46 66 0.0% 3.0% 97.0% 2 28.6%
W. Michael 295 307 2.6% 5.9% 90.6% 0 100.0%
W. S 160 279 2.2% 7.5% 89.2% 0 100.0%
Y. Amanda 294 276 11.6% 6.2% 80.4% 0 100.0%
Class Averages 270.1 296.6 2.0% 7.4% 89.3% 20.8 94.5%

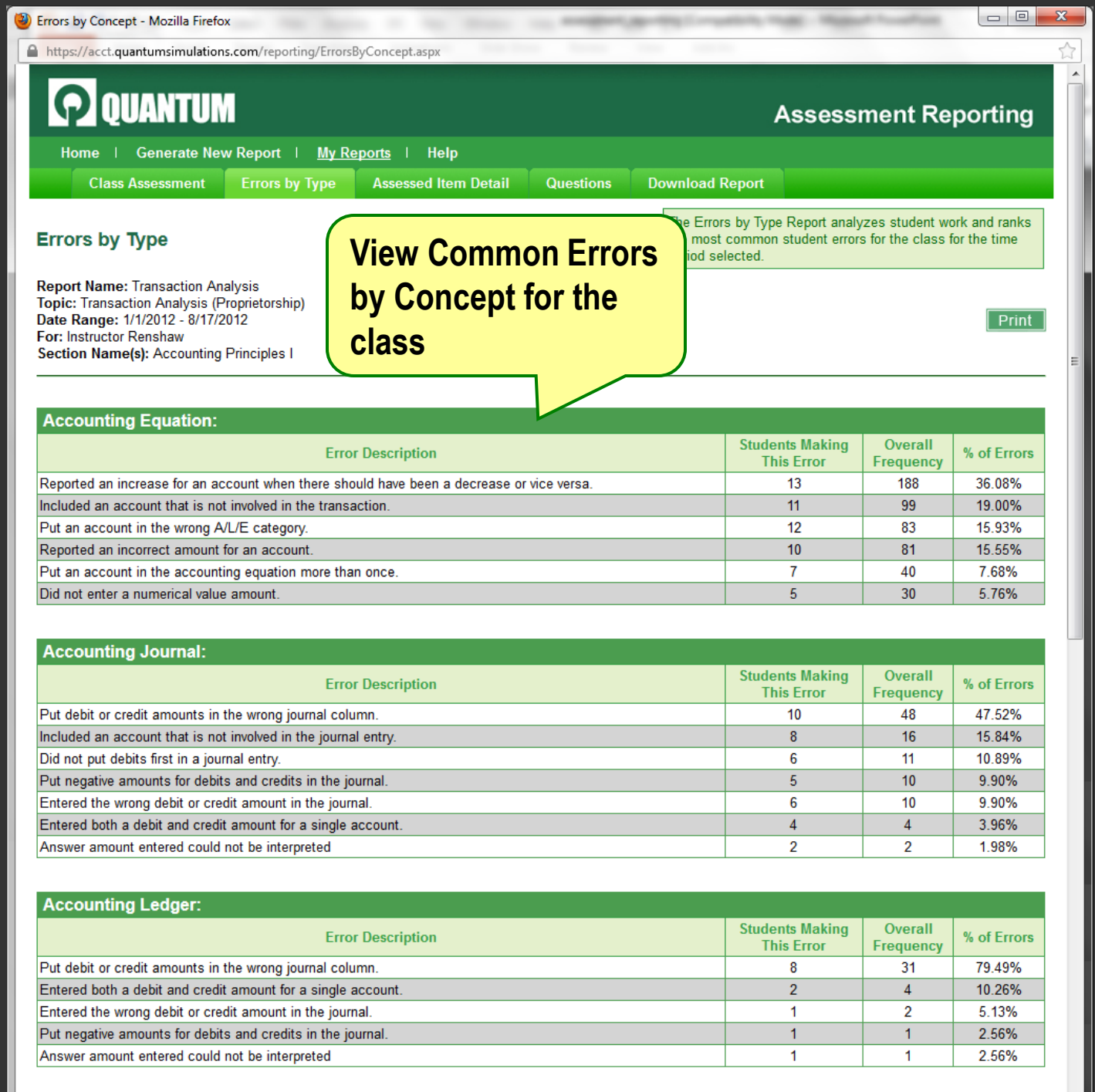


Student Mastery

Report Name: Transaction Analysis
Topic: Transaction Analysis (Proprietorship)
Date Range: 1/1/2012 - 8/17/2012
For: Instructor Renshaw
Section Name(s): Accounting Principles I

Click on a student's name to view their "How Am I Doing?" Report

Student Mastery Details:				High	Medium	Low	Incomplete
Student Name	Time Spent (Minutes)	Items Completed	Requested Solution	Solved with Help	Solved with No Help	Questions Asked	Mastery Achieved
Class Averages	**270.1**	**296.6**	**2.0%**	**7.4%**	**89.3%**	**20.8**	**94.5%**
A. Dan	291	229	0.4%	4.8%	94.8%	68	100.0%
H. Meghan	134	221	0.5%	1.8%	97.7%	4	100.0%
K. Debbie	669	399	4.8%	19.8%	74.2%	182	100.0%
L. Cat	199	308	0.3%	7.8%	91.6%	0	100.0%
M. Alba	163	280	0.0%	6.1%	91.4%	0	100.0%
N. Kerry	378	545	0.9%	8.6%	90.3%	14	100.0%
P. Matthew	198	247	2.8%	3.6%	93.1%	0	100.0%
R. Jeanette	466	371	0.0%	5.1%	93.8%	0	100.0%
R. Sandi	218	328	0.0%	6.4%	93.3%	0	100.0%
T. Ty	46	66	0.0%	3.0%	97.0%	2	28.6%
W. Michael	295	307	2.6%	5.9%	90.6%	0	100.0%
W. S	160	279	2.2%	7.5%	89.2%	0	100.0%
Y. Amanda	294	276	11.6%	6.2%	80.4%	0	100.0%
Class Averages	**270.1**	**296.6**	**2.0%**	**7.4%**	**89.3%**	**20.8**	**94.5%**


Errors by Concept - Mozilla Firefox
https://acct.quantumsimulations.com/reporting/ErrorsByConcept.aspx
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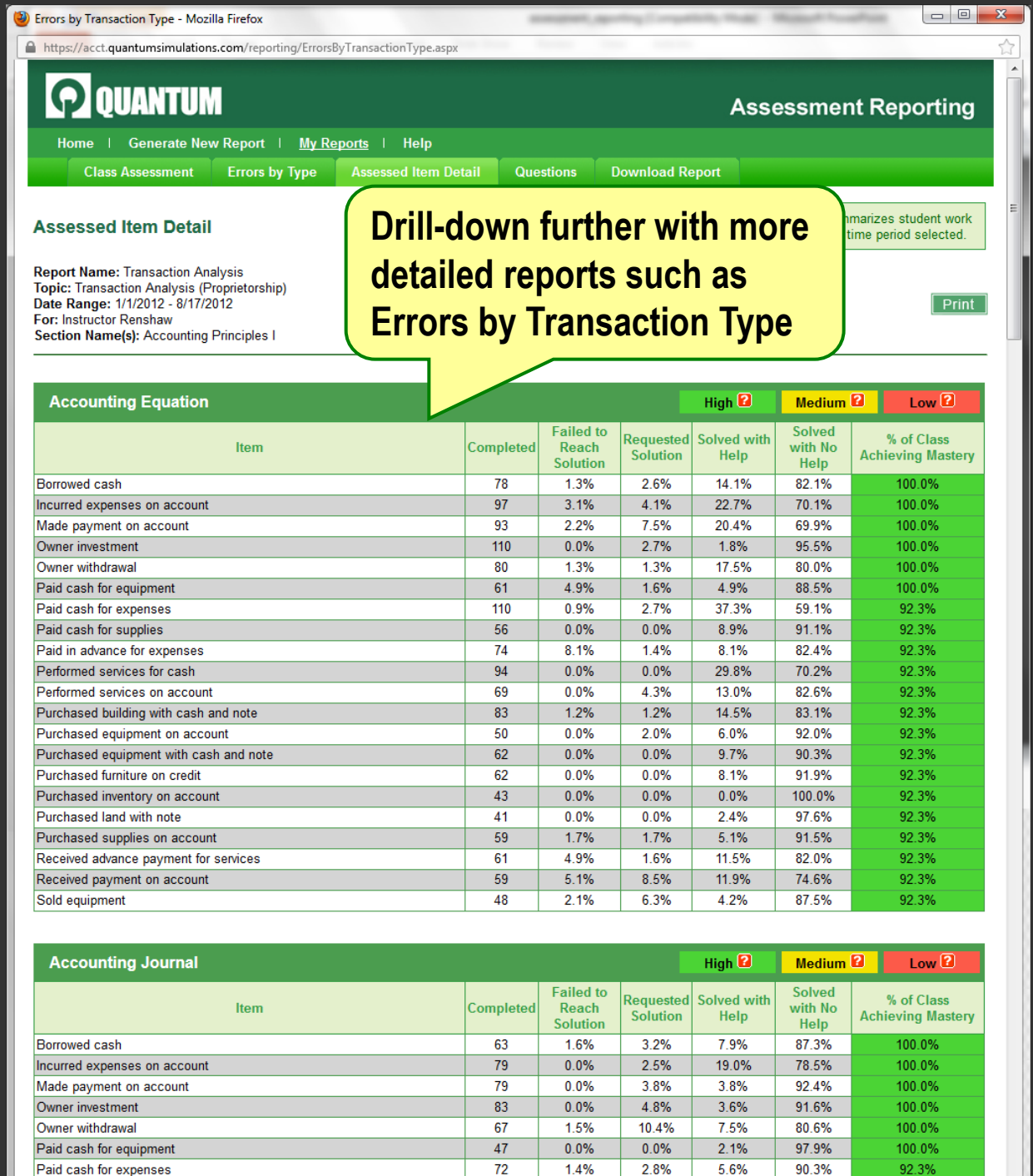
Assessment Reporting
Home | Generate New Report | My Reports | Help
Class Assessment
Errors by Type
Assessed Item Detail
Questions
Download Report
Errors by Type
The Errors by Type Report analyzes student work and ranks most common student errors for the class for the time iod selected.
Report Name: Transaction Analysis
Topic: Transaction Analysis (Proprietorship)
Date Range: 1/1/2012 - 8/17/2012
For: Instructor Renshaw
Section Name(s): Accounting Principles I
Print
View Common Errors by Concept for the class
Accounting Equation:
Error Description | Students Making This Error | Overall Frequency | % of Errors
Reported an increase for an account when there should have been a decrease or vice versa. | 13 | 188 | 36.08%
Included an account that is not involved in the transaction. | 11 | 99 | 19.00%
Put an account in the wrong A/L/E category. | 12 | 83 | 15.93%
Reported an incorrect amount for an account. | 10 | 81 | 15.55%
Put an account in the accounting equation more than once. | 7 | 40 | 7.68%
Did not enter a numerical value amount. | 5 | 30 | 5.76%
Accounting Journal:
Error Description | Students Making This Error | Overall Frequency | % of Errors
Put debit or credit amounts in the wrong journal column. | 10 | 48 | 47.52%
Included an account that is not involved in the journal entry. | 8 | 16 | 15.84%
Did not put debits first in a journal entry. | 6 | 11 | 10.89%
Put negative amounts for debits and credits in the journal. | 5 | 10 | 9.90%
Entered the wrong debit or credit amount in the journal. | 6 | 10 | 9.90%
Entered both a debit and credit amount for a single account. | 4 | 4 | 3.96%
Answer amount entered could not be interpreted | 2 | 2 | 1.98%
Accounting Ledger:
Error Description | Students Making This Error | Overall Frequency | % of Errors
Put debit or credit amounts in the wrong journal column. | 8 | 31 | 79.49%
Entered both a debit and credit amount for a single account. | 2 | 4 | 10.26%
Entered the wrong debit or credit amount in the journal. | 1 | 2 | 5.13%
Put negative amounts for debits and credits in the journal. | 1 | 1 | 2.56%
Answer amount entered could not be interpreted | 1 | 1 | 2.56%



Accounting Equation

High | Medium | Low

Item	Completed	Failed to Reach Solution	Requested Solution	Solved with Help	Solved with No Help	% of Class Achieving Mastery
Borrowed cash	78	1.3%	2.6%	14.1%	82.1%	100.0%
Incurred expenses on account	97	3.1%	4.1%	22.7%	70.1%	100.0%
Made payment on account	93	2.2%	7.5%	20.4%	69.9%	100.0%
Owner investment	110	0.0%	2.7%	1.8%	95.5%	100.0%
Owner withdrawal	80	1.3%	1.3%	17.5%	80.0%	100.0%
Paid cash for equipment	61	4.9%	1.6%	4.9%	88.5%	100.0%
Paid cash for expenses	110	0.9%	2.7%	37.3%	59.1%	92.3%
Paid cash for supplies	56	0.0%	0.0%	8.9%	91.1%	92.3%
Paid in advance for expenses	74	8.1%	1.4%	8.1%	82.4%	92.3%
Performed services for cash	94	0.0%	0.0%	29.8%	70.2%	92.3%
Performed services on account	69	0.0%	4.3%	13.0%	82.6%	92.3%
Purchased building with cash and note	83	1.2%	1.2%	14.5%	83.1%	92.3%
Purchased equipment on account	50	0.0%	2.0%	6.0%	92.0%	92.3%
Purchased equipment with cash and note	62	0.0%	0.0%	9.7%	90.3%	92.3%
Purchased furniture on credit	62	0.0%	0.0%	8.1%	91.9%	92.3%
Purchased inventory on account	43	0.0%	0.0%	0.0%	100.0%	92.3%
Purchased land with note	41	0.0%	0.0%	2.4%	97.6%	92.3%
Purchased supplies on account	59	1.7%	1.7%	5.1%	91.5%	92.3%
Received advance payment for services	61	4.9%	1.6%	11.5%	82.0%	92.3%
Received payment on account	59	5.1%	8.5%	11.9%	74.6%	92.3%
Sold equipment	48	2.1%	6.3%	4.2%	87.5%	92.3%

Accounting Journal

High | Medium | Low

Item	Completed	Failed to Reach Solution	Requested Solution	Solved with Help	Solved with No Help	% of Class Achieving Mastery
Borrowed cash	63	1.6%	3.2%	7.9%	87.3%	100.0%
Incurred expenses on account	79	0.0%	2.5%	19.0%	78.5%	100.0%
Made payment on account	79	0.0%	3.8%	3.8%	92.4%	100.0%
Owner investment	83	0.0%	4.8%	3.6%	91.6%	100.0%
Owner withdrawal	67	1.5%	10.4%	7.5%	80.6%	100.0%
Paid cash for equipment	47	0.0%	0.0%	2.1%	97.9%	100.0%
Paid cash for expenses	72	1.4%	2.8%	5.6%	90.3%	92.3%

Questions - Mozilla Firefox

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Class Assessment | Errors by Type | Assessed Item Detail | Questions | Download Report

Questions

The Questions Report ranks all questions asked by students when using Quantum for the time period selected.

Report Name: Transaction Analysis
Topic: Transaction Analysis (Proprietorship)
Date Range: 1/1/2012 - 8/17/2012
For: Instructor Renshaw
Section Name(s): Accounting Principles I

View Frequently Asked Student Questions

Print

Analyzing the Event

Question	Frequency	# of Students Asked	% of Questions Asked
Will this cause liabilities or equity to change?	94	4	47.72%
How will this affect the company's assets?	81	3	41.12%
What accounts are affected in this step?	20	3	10.15%
How do I check if this transaction kept the accounting equation in balance?	2	1	1.02%

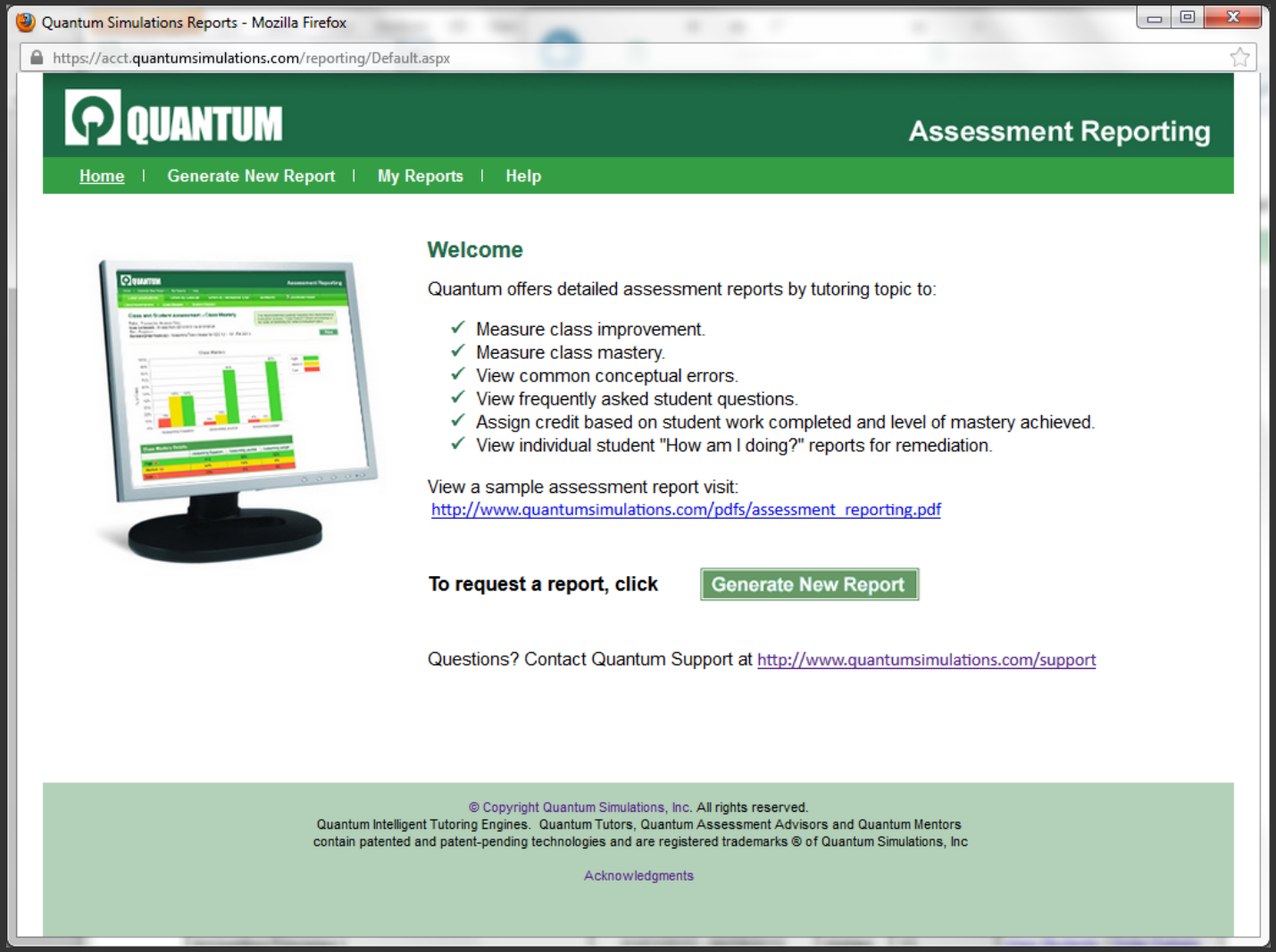
Financial Statements

Question	Frequency	# of Students Asked	% of Questions Asked
Does this transaction affect the balance sheet?	13	2	30.23%
Does this transaction affect the cash flow statement?	10	1	23.26%
Does this transaction affect the income statement?	10	2	23.26%
Does this transaction affect the statement of retained earnings?	10	1	23.26%

Potential Misconceptions

Question	Frequency	# of Students Asked	% of Questions Asked
Does recording an expense always mean assets are reduced?	27	3	90.00%
Shouldn't we have used Notes Payable instead of Accounts Payable?	3	3	10.00%

Want to learn more?

Call 1-800-577-9040

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