PrecisED Instructor Manual



BRINGING EDUCATIONAL PROGRAMS TO THE MASSES

PrecisED, Inc. is a start-up whose mission is to bring educational programs to the masses in a cost-effective manner. The educational programs are designed from scratch to totally leverage technology unlike extant online programs which are nothing but a collection of long and disjointed face-to-face courses that have been ineffectively put online. PrecisED also incorporates optimal human learning in its design.

The Navigation Bar





Navigation Bar Accessibility



The left arrow, from the initial Navigation Bar view, docks the Navigation Bar at the top left (as shown).

> **Hover** over the **Navigation Bar** to expand view.

Navigation Reports - Dashboard

The Dashboard gives an overview of all students' progress in simple graphs for the entire course. The course stats allow for an instant gauge of completion and performance.



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Navigation Reports – User Management

The User Management Report provides a list of all the students enrolled in a particular course along with their contact information.

Navigation Home Deskhoard User Management Reports TYK Cumulative Reports TYK Wise User Based Reports Accounts Performance Reports My courses

Small Business

User Management

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1	bstu4		participant		bstu4@gmail.com		Small Business		PRECISED
2	biancastd2		participant		biancastd2@gmail.com		Small Business		PRECISED
3	bstu3		participant		bstu3@gmail.com		Small Business	PRECISED	

Navigation Reports – TYK & DMQ Performance



Test Your Knowledge (TYK) questions evaluate students' understanding of the learning concepts. Each learning concept is followed by a TYK set which consists of several questions.

Decision Making Questions (DMQ) ask for students' decisions on various managerial issues.

TYK & DMQ Performance

The TYK & DMQ Performance Report provides each student's status in terms of the number of TYKs and DMQs that have completed by the student in that course.



REPORTS

FILTER

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					Т	YK Status		DMQ Status							
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2	biancastd2	Small Business		31		17	55	22	7	32	t				
3	bstu3	Small Business		31		14	45	22	7	32	k				

Navigation Reports – TYK Cumulative

The TYK Cumulative Report provides the number of correctly answered questions for each TYK set of questions for each student.

Navigation	TYK Cumulative Report	S
ome	FILTER	
Dashboard		_
User Management Reports	0.5.11	
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TYK Cumulative Reports	Small Business	•
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1	bstu4	(4 out of 6) - 67%		-			-	-		(4 out of 6) 67%					
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3	bstu3	stu3 (6 out of 6) (5 out of 5) 100% 100%		(6 out of 6) (5 out of 100% 6) 83%		(0 out of 6) 0%	(4 out of 5) 80%	(10 out of 12) 83%	(6 out of 9) 67%	(42 out of 55) 76%					

7

Navigation Reports – TYK Wise User Based



2

3

biancastd2

bstu3

Sep 02,2017 05:09

Oct 01,2017 11:10

Sep 02,2017

Oct 01,2017

05:09

11:10

6 mins 42 secs

4 mins 38 secs

FILTER					The TYK Wise User Based Report shows each student's graded								
		Course					resj TY	ponse K set	to eac	ch qu	estion	in the	e
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YK - Reso	ources, Capabi	ilities & Core Compet	encies							\$			
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REPORTS	S												
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o. of Partic	cipant not yet s	started the TYK						0					
o. of Partic	cipant in Progre	ess						0					
o. of Partic	cipant Secured	more than 81%						1					
o. of Partic	cipant Secured	between 51% and 80	1%					1					
o. of Partic	cipant Secured	less than equal 50%						1					
Show 10	entries	Column vis	sibility 🗸 🖨	x 🖄						Search			
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(3 out of 6)

(6 out of 6)

50%

100%

Navigating the Course Simulation



Administration Reports – Activity Report

Navigation ÷.

Home

- Dashboard
- User Management Reports
- TYK & DMQ Performance Reports
- TYK Cumulative Reports
- TYK Wise User Based Reports
- Accounts Performance Reports
- My courses
- Small Business
 - Stage 1: Strategizing and Planning a Small Business
 - Stage 1: Learning Concepts
 - Stage 2: Launching the Small Business
 - Stage 2: Learning Concepts
 - Stage 3: Taking a Small Business to the Next Level
 - Stage 3: Learning Concepts



VB - Small Business

Computed from logs since Tuesday, 19 September 2017, 11:27 AM.

Activity	Views	a particular lesso
✓ You, the City, and the Gourmet Burger Business	71 by 11 u	sers Monday, 2 October 2017, 2
✓ Your Strengths and Weaknesses	38 by 7 u	
Y TYK - Resources, Capabilities & Core Competencies	50 by 10 i	Students are give
✓ Competition in the City	10 by 4 i	lesson only after
Y TYK - Competitive Analysis & Environmental Scanning	11 by 2 i	lesson is complete
✓ Types of Potential Customers in Simile	4 by 1 i	TYK questions a
Y TYK - Target Market & Segmentation	24 by 3 u	Sera monday, 2 october 2017,
✓ Beyond the Burger: Price, Location and Image	28 by 8 u	sers Monday, 2 October 2017, 2
✓ TYK - Marketing Mix	25 by 4 u	sers Monday, 2 October 2017,
Y TYK - Positioning	33 by 4 u	sers Monday, 2 October 2017,
✓ Who will Buy and Why?	180 by 8 u	sers Monday, 2 October 2017,
Y TYK - Value Proposition	64 by 6 u	sers Monday, 2 October 2017,
✓ Estimating the Cost of a Cheese Burger	48 by 7 u	sers Monday, 2 October 2017, 2
How many need to be sold to make \$\$\$?	207 by 9 u	sers Monday, 2 October 2017, 2
Y TYK - Breakeven Analysis and Spreadsheet Modelling	173 by 5 u	sers Monday, 2 October 2017,
✓ Final Decisions - Location, Pricing, Service and Target Market	311 by 7 u	sers Monday, 2 October 2017,
Y TYK - Pricing Strategies	44 by 3 u	sers Monday, 2 October 2017,
Feedback on your Decisions	16 by 4 u	sers Monday, 2 October 2017,

The Activity Report, in the **Course Administration** section, gives a count of how many students have accessed a particular lesson.

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y 10 i	Students are given access to a
by 4 i	lesson only after the prior
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	28 by 8 users	Monday, 2 October 2017, 2
	25 by 4 users	Monday, 2 October 2017,
	33 by 4 users	Monday, 2 October 2017,
	180 by 8 users	Monday, 2 October 2017,
	64 by 6 users	Monday, 2 October 2017,
	48 by 7 users	Monday, 2 October 2017, 2
	207 by 9 users	Monday, 2 October 2017, 2
g	173 by 5 users	Monday, 2 October 2017,
et Market	311 by 7 users	Monday, 2 October 2017,
	44 by 3 users	Monday, 2 October 2017,

Administration Reports – Activity Completion

Home > My courses > Small Business > Reports > Activity completion

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		First nam	e: All A B C D E F G H I J	KL	MN	1 (gives a list of all completed lessons								
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)	Stage 2: Learning Concepts	Surname	Email address	4	» ب	4	4	÷ +	4	4	4	× •	<u>و</u>		7
)	Stage 3: Taking a Small Business to the Next Level	Student	adodson@memphis.edu	\Box	0	\Box	\Box	\Box	0	D	\Box	\Box	0	0	0
)	Stage 3: Learning Concepts	Student	jp.mistrpure@gmail.com	0	0	O	C		0	D	C	C	D	C	D
K A	dministration 🛛 🗖	Student 102	j.squidi95@gmail.com	O	O	0	0	\Box	0	O	\Box	0	C	O	0
- Cou	rse administration	Student 103	hochigan@gmail.com	Ο	0	O	O	C	D	O	C	O	O	O	O
	Activity report	Student 104	ironsquidi95@gmail.com						0	D		0	0	0	0
		Student 200	jon.paulsquitieri@gmail.com	Ο	O	0	C	0	0	D	D	C	D	0	D

The Activity Completion Report, in

A decision, in response to a DMQ, is good if it incorporates all the information available at the time of making the decision and if it is consistent with other decisions previously made. It is not good, otherwise. Quality of the decisions made by the students are measured by Management Decision Quality Index. In this index, each decision question is rated on a 3-point importance scale and each available option of the decision is evaluated as good, fair or poor. MDQI is calculated as the product of the two. In addition to this main effect of decision quality, MDQI moves up or down based on the consistency with other decisions. MDQI, along with TYK scores and profitability as judged by the student's ability to predict demand on a daily basis in Stage 2, is used to evaluate a student's performance. Sometimes It's Better to be Lucky than Smart

Being in the right place at the right time (also called getting lucky) is part and parcel of any business. Many unforeseen changes which can help or hurt a business take place in external environments. Certain decisions that didn't seem to be good decisions, rationally speaking (for which students may have lost MDQI points), might turn out to be good due to environmental changes. Likewise, certain good decisions might turn out to be less than favorable later on due to environmental changes. In addition to environmental changes, other unpredictable factors like the skills and personalities of your new hires or unforeseen interactions with important individuals or corporations can bring unexpected revenue or losses to businesses. Sometimes one can succeed in taking credit for these random events and claim that decisions were great, but that's in fact not true. Therefore, instead of MDQI increasing or decreasing because the past decisions turning out to have unintended positive or negative consequences, a new index called Management Luck Index (MLI) has been created. (Yes, we call it simply what it really is – luck.)

To simulate whether students get lucky or unlucky, students spin a wheel that has different outcomes with different probabilities. There are several situations throughout the simulation where students can get lucky or unlucky. The categories of outcomes, the probabilities and the impact on MLI depend on the situation and are spelled out in detail when those situations arise in the simulation.

Instructors decide whether MLI influences students' grades and, if so, how.

Overall rank is determined as follows:

Let $A_i B_i C_i D_i$ be the four raw scores on the 4 grading factors (TYK, MDQI, Profitability and MLI) for individual i. Each raw score is standardized to $SA_i SB_i SC_i SD_i$ by subtracting the mean and dividing by the standard deviation. Overall score G_i for individual i = $w_1SA_i + w_2SB_i + w_3SC_i + w_4SD_i$ (Recommended weights --- 40 (TYK), 40 (MDQI), 20 (profitability) and 0 for MLI. (Use MLI as extra credit points.)



#	Username ^{†↓}	Student Name [†] ↓	TYK Score ^{†↓}	$_{\text{SD}}^{\text{TYK}}_{\uparrow\downarrow}$	TYK WS †1	TYK Rank [†] ↓	Profitability Score ↑↓	$\substack{ {\rm Profitability} \\ {\rm SD} \qquad \uparrow \downarrow }$	Profitability WS ↑↓	Profitability Rank ↑↓	MDQI Score [†] ↓	MDQI SD ^{†1}	MDQI WS 11	MDQI Rank †↓	MLI Score ^{†↓}	Total WS ^{↑↓}	Overall Rank †↓
1	brrssell13	brrssell13 student	37	1.1501	0.46	1	67990	-0.97	-0.194	3	108	0.5746	0.2298	1	112	0.4958	1
2	brrssell12	brrssell12 student	24	0.1792	0.0717	2	72109	-1.1022	-0.2204	4	96	0.3134	0.1254	4	97	-0.0233	4
3	brrssell14	brrssell14 student	24	0.1792	0.0717	2	22817	0.4798	0.096	1	107	0.5528	0.2211	2	106	0.3888	2
4	brrssell11	brrssell11 student	23	0.1046	0.0418	4	25921	0.3802	0.076	2	97	0.3352	0.1341	3	112	0.2519	3
5	brrssell15	brrssell15 student	0	0	0	5	0	0	0	5	0	0	0	5	0	0	5

Ranking Report



Overall Rank is determined by the average ranks of the 3 individual ranks of TYKs, MDQI and Profitability Score. (MLI can be used as bonus points at the instructor's discretion.)