

VIRTUAL INTERACTIVE CLASSROOM SOFTWARE

Summary

The customer requirement was to find software which serve as virtual classroom.

Summary of the Findings are as follows:

Section 1: Virtual Interactive Classroom Software				
No.	Company	Software	Price (SEK) ¹	For Details
1.	eLecta Live	The Ultimate Cross-Platform Online Teaching Software	Free	Please Click
2.	WizIQ	WizIQ Online Tutoring Software	30 Days Free Trial	Please Click
3.	TutorsClass	Online Tutoring Platform	Different Pricing Packages Available	Please Click
4.	BrainCert	Virtual Classroom for effective online live classes & collaboration	Different Pricing Packages Available	Please Click
5.	Tutors Box	Online Tutoring Whiteboard	Different Pricing Packages Available	Please Click
6.	ABC Draw	ABC Draw	Different Pricing Packages Available	Please Click
7.	Group Technologies Inc	Advanced Collaborative Online White Board Software	Different Pricing Packages Available	Please Click
8.	Vyew	Continuous Meeting Rooms for Real-Time & Anytime Visual Collaboration Teach & Tutor	Different Pricing Packages Available	Please Click
9.	Paradi Solutions	Virtual Classroom Platform	N/A	Please Click

Section 2: Virtual Interactive Classroom Software – Patents

No.	Patent	Date of Publication	For Details
1.	Panoramic learning system platform based interactive teaching method between teachers and students	19 Mar 2014	Please Click
2.	Interactive Learning Network	29 Nov 2012	Please Click
3.	System and method for virtual content collaboration	13 Sep 2012	Please Click
4.	Teacher Assignment Based on Student/Teacher Ratios	1 May 2012	Please Click
5.	Educational System and Method Having Virtual Classrooms	13 Sep 2012	Please Click

¹ 1 USD = 7.55773 SEK
(<http://www.xe.com/>)

Contd. Summary

Section 3: Universities who do Virtual Classes - Universities		
1.	University of Leicester	Please Click
2.	Victoria University	Please Click
3.	Tulane University	Please Click
4.	The University of Arizona	Please Click
5.	Federation University of Australia	Please Click
6.	University of California Riverside	Please Click
7.	The University of Queensland	Please Click



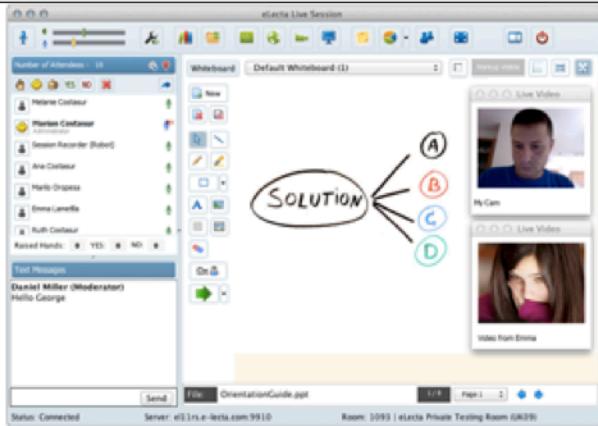
Table of Contents

SUMMARY.....	1
SECTION 1: VIRTUAL INTERACTIVE CLASSROOM SOFTWARE	4
SECTION 2: VIRTUAL INTERACTIVE CLASSROOM SOFTWARE - PATENTS.....	14
SECTION 3: VIRTUAL INTERACTIVE CLASSROOM SOFTWARE - UNIVERSITIES	19
FEEDBACK.....	24
QUERY DETAILS.....	24



Section 1: Virtual Interactive Classroom Software

Company 1. eLecta Live

Company Details	eLecta Live is a professional virtual classroom and a real-time online collaboration environment designed for teaching and training over the Internet. Arrange live online classes and lectures, online meetings, group sessions, individual one-on-one sessions and webinars – all taking place over the web. For your live online meetings you only need a computer with an internet connection.										
Product 1. The Ultimate Cross-Platform Online Teaching Software											
Product Details	eLecta Live supports live video and crystal clear audio, multiple interactive whiteboards, markup and annotation tools, file and document sharing, screen sharing and many other collaboration tools. Teaching in the eLecta Live virtual class room is easy and provides ultimate experience for both the trainer and the trainees. In every classroom there are special built-in enhancements like audio catch-up and participant automatic content delivery feedback to ensure that all students are synchronized with the teacher and there is no one behind the others.										
Availability of Requirement	1 Tutor to 1 Student ✗ 1 Tutor to Many Students ✓										
Screen Shots											
Pricing Details	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; width: 30%;">Item</th> <th style="text-align: center; width: 30%;">Original price (\$)</th> <th style="text-align: center; width: 30%;">SEK Price</th> </tr> </thead> <tbody> <tr> <td>The Ultimate Cross-Platform Online Teaching Software</td> <td style="text-align: center;">Free</td> <td style="text-align: center;">Free</td> </tr> </tbody> </table>	Item	Original price (\$)	SEK Price	The Ultimate Cross-Platform Online Teaching Software	Free	Free				
Item	Original price (\$)	SEK Price									
The Ultimate Cross-Platform Online Teaching Software	Free	Free									
Contact Details	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Address</td> <td>1 Cinnamon Close, M22 4QF, GB</td> </tr> <tr> <td>Tel</td> <td>(020) 8133 6276</td> </tr> <tr> <td>Fax</td> <td>N/A</td> </tr> <tr> <td>Email</td> <td>info@e-lecta.com</td> </tr> <tr> <td>URL</td> <td>https://www.e-lecta.com/</td> </tr> </table>	Address	1 Cinnamon Close, M22 4QF, GB	Tel	(020) 8133 6276	Fax	N/A	Email	info@e-lecta.com	URL	https://www.e-lecta.com/
Address	1 Cinnamon Close, M22 4QF, GB										
Tel	(020) 8133 6276										
Fax	N/A										
Email	info@e-lecta.com										
URL	https://www.e-lecta.com/										
Sources	https://www.e-lecta.com/Default.asp										

Contd. Section 1: Virtual Interactive Classroom Software

Company 2. WizIQ

Company Details	WizIQ's online educational platform and software is ideal for private tutors and tutoring businesses seeking to transition to e-teaching.																	
Product 1. WizIQ Online Tutoring Software																		
Product Details	<p>We offer 1-to-1-tutoring sessions via WizIQ for students who need individual support. The students' learning progress is guaranteed by the excellent, interactive classroom-experience and auditory-visual channels. Teaching via WizIQ and its easy-to-handle virtual whiteboard is inspiring and motivating for both teachers and students.</p> <ul style="list-style-type: none"> • Conduct one-on-one tutoring or group tutoring sessions in the Virtual Classroom • Record and reuse your class sessions • Track student engagement and attendance • Collect student payments easily • Secure your data 																	
Availability of Requirement	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">1 Tutor to 1 Student</td> <td style="padding: 5px; text-align: center;">✓</td> </tr> <tr> <td style="padding: 5px;">1 Tutor to Many Students</td> <td style="padding: 5px; text-align: center;">✓</td> </tr> </table>			1 Tutor to 1 Student	✓	1 Tutor to Many Students	✓											
1 Tutor to 1 Student	✓																	
1 Tutor to Many Students	✓																	
Screen Shots																		
Pricing Details	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Item</th> <th style="width: 33%;">Original price (\$)</th> <th style="width: 33%;">SEK Price</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">WizIQ Online Tutoring Software</td> <td style="padding: 5px;">30 Days Free Trial https://www.wiziq.com/premium/?pageid=19</td> <td style="padding: 5px;"></td> </tr> </tbody> </table>			Item	Original price (\$)	SEK Price	WizIQ Online Tutoring Software	30 Days Free Trial https://www.wiziq.com/premium/?pageid=19										
Item	Original price (\$)	SEK Price																
WizIQ Online Tutoring Software	30 Days Free Trial https://www.wiziq.com/premium/?pageid=19																	
Contact Details	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding: 5px;">Address</td> <td colspan="2" style="width: 67%; padding: 5px;">1101 Pemberton Hill Rd., Suite 101 Apex, N.C. 27502</td> </tr> <tr> <td style="width: 33%; padding: 5px;">Tel</td> <td colspan="2" style="width: 67%; padding: 5px;">1-800-3000-1771</td> </tr> <tr> <td style="width: 33%; padding: 5px;">Fax</td> <td colspan="2" style="width: 67%; padding: 5px;">N/A</td> </tr> <tr> <td style="width: 33%; padding: 5px;">Email</td> <td colspan="2" style="width: 67%; padding: 5px;">support@wiziq.com</td> </tr> <tr> <td style="width: 33%; padding: 5px;">URL</td> <td colspan="2" style="width: 67%; padding: 5px;">https://www.wiziq.com/</td> </tr> </table>			Address	1101 Pemberton Hill Rd., Suite 101 Apex, N.C. 27502		Tel	1-800-3000-1771		Fax	N/A		Email	support@wiziq.com		URL	https://www.wiziq.com/	
Address	1101 Pemberton Hill Rd., Suite 101 Apex, N.C. 27502																	
Tel	1-800-3000-1771																	
Fax	N/A																	
Email	support@wiziq.com																	
URL	https://www.wiziq.com/																	
Sources	https://www.wiziq.com/online-tutoring-software/																	

Contd. Section 1: Virtual Interactive Classroom Software

Company 3. TutorsClass

Company Details	An international company with almost 10-year experience in online educational business. The company has launched several projects aimed at help in education for English-speaking students from elementary school to graduate-level students.				
Product 1. Online Tutoring Platform					
Product Details	<p>Tutorsclass offers you to get advantage of unique online tutoring product that is created exactly for online distance education. It includes:</p> <ul style="list-style-type: none"> • Online whiteboard with typing and drawing tools • Live chat • File upload option • Math formulas creation tool • Students and lesson tracking system • Billing system • Secure payment from students directly to tutors via Paypal • Personal web-profile for each tutor <p>Tutoring Groups and Organizations:</p> <ul style="list-style-type: none"> • Tutor/student tracking, lesson scheduling • Online classroom for one-on-one and group classes • Payment tracking 				
Availability of Requirement	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">1 Tutor to 1 Student</td> <td style="padding: 5px; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="padding: 5px;">1 Tutor to Many Students</td> <td style="padding: 5px; text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	1 Tutor to 1 Student	<input checked="" type="checkbox"/>	1 Tutor to Many Students	<input checked="" type="checkbox"/>
1 Tutor to 1 Student	<input checked="" type="checkbox"/>				
1 Tutor to Many Students	<input checked="" type="checkbox"/>				
Screen Shots	<p style="text-align: center;">Online Tutoring Platform - Expand Your Student Audience and Teach Remotely</p> <div style="text-align: center;">  <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>See the Service Features</p>  </div> <div style="text-align: center;"> <p>Lesson Sample Video</p>  </div> </div> </div>				

Virtual Interactive Classroom Software

Contd. Section 1: Virtual Interactive Classroom Software

Pricing Details	Item	Original price (\$)	SEK Price	
	Online Tutoring Platform	Different Pricing Packages Available		
Contact Details	Address	<i>N/A</i>		
	Tel	<i>N/A</i>		
	Fax	<i>N/A</i>		
	Email	support@tutorsclass.com		
	URL	http://www.tutorsclass.com/		
Sources	http://www.tutorsclass.com/howitworks/			

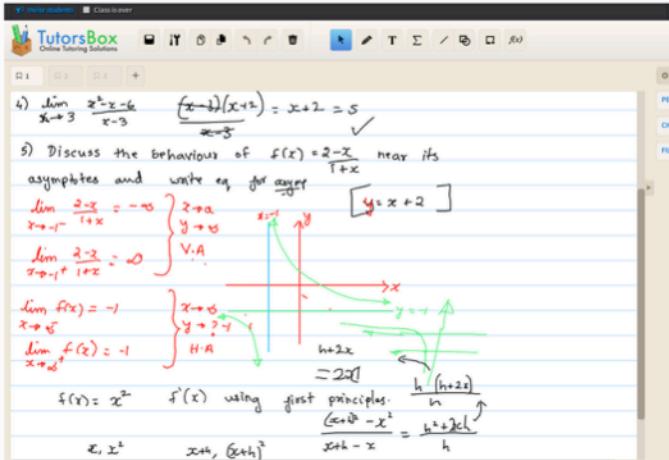
Contd. Section 1: Virtual Interactive Classroom Software

Company 4. BrainCert

Company Details	BrainCert is a cloud-based all-in-one educational platform that comes integrated with 4 core platforms in one unified solution - courses platform, online testing platform, award-winning virtual classroom, and content management system. The result - significant cost savings, increasing productivity, and secure, seamless and enhanced user experience across all platforms		
Product 1. Virtual Classroom for effective online live classes & collaboration			
Product Details	BrainCert's "virtual classroom" functions in nearly the same way as a traditional physical classroom - providing students with a place to access live or recorded class sessions and participate face-to-face in high-quality audio and video conference along with multiple interactive whiteboards.		
Availability of Requirement	1 Tutor to 1 Student		✗
	1 Tutor to Many Students		✓
Screen Shots			
Pricing Details	Item	Original price (\$)	SEK Price
	Virtual Classroom for effective online live classes & collaboration	Different Pricing Packages Available	
Contact Details	Address	1818 Library Street, Suite 500 Reston, VA 20190 USA	
	Tel	<i>N/A</i>	
	Fax	<i>N/A</i>	
	Email	info@braincert.com	
	URL	https://www.braincert.com/	
Sources	https://www.braincert.com/online-virtual-classroom		

Contd. Section 1: Virtual Interactive Classroom Software

Company 5. Tutors Box

Company Details	TutorsBox is an online whiteboard designed specifically to give remote tutors the tools they need to help students succeed. It was first launched as EdoBoard in 2008.										
Product 1. Online Tutoring Whiteboard											
Product Details	<ul style="list-style-type: none"> Real-time, Multi-user, Fast and easy. An online whiteboard application that lets you use your computer and tablet to give live tutoring classes to your students <p>Features:</p> <ul style="list-style-type: none"> Plan your classes File sharing Science & Math friendly Multi-boards Track progress Live Audio/Video Multi-users 										
Availability of Requirement	<table border="1"> <tr> <td>1 Tutor to 1 Student</td> <td style="text-align: center;">✗</td> </tr> <tr> <td>1 Tutor to Many Students</td> <td style="text-align: center;">✓</td> </tr> </table>	1 Tutor to 1 Student	✗	1 Tutor to Many Students	✓						
1 Tutor to 1 Student	✗										
1 Tutor to Many Students	✓										
Screen Shots	 <p>The screenshot shows a whiteboard with handwritten mathematical work. At the top, there's a limit calculation: $\lim_{x \rightarrow 3} \frac{x^2 - x - 6}{x - 3}$. Below it, a note discusses the behavior of $f(x) = \frac{2-x}{t+x}$ near its asymptotes, with a graph showing a vertical asymptote at $x = -2$ and a horizontal asymptote at $y = 1$. There are also notes on derivatives and the first principle of differentiation.</p>										
Pricing Details	<table border="1"> <thead> <tr> <th>Item</th> <th>Original price (\$)</th> <th>SEK Price</th> </tr> </thead> <tbody> <tr> <td>Online Tutoring Whiteboard</td> <td>Different Pricing Packages are available</td> <td></td> </tr> </tbody> </table>	Item	Original price (\$)	SEK Price	Online Tutoring Whiteboard	Different Pricing Packages are available					
Item	Original price (\$)	SEK Price									
Online Tutoring Whiteboard	Different Pricing Packages are available										
Contact Details	<table border="1"> <tr> <td>Address</td> <td>N/A</td> </tr> <tr> <td>Tel</td> <td>N/A</td> </tr> <tr> <td>Fax</td> <td>N/A</td> </tr> <tr> <td>Email</td> <td>contact@tutorsbox.com</td> </tr> <tr> <td>URL</td> <td>https://tutorsbox.com/</td> </tr> </table>	Address	N/A	Tel	N/A	Fax	N/A	Email	contact@tutorsbox.com	URL	https://tutorsbox.com/
Address	N/A										
Tel	N/A										
Fax	N/A										
Email	contact@tutorsbox.com										
URL	https://tutorsbox.com/										
Sources	https://tutorsbox.com/en/										

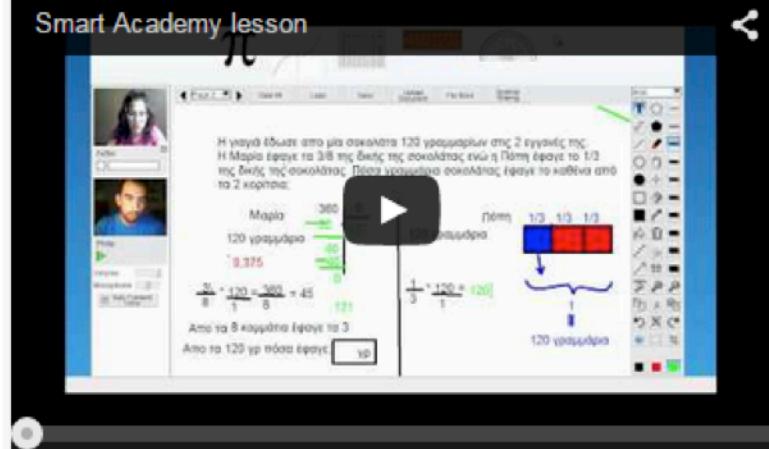
Contd. Section 1: Virtual Interactive Classroom Software

Company 6. ABC Draw

Company Details	ABCdraw transforms communication, learning, and collaboration through imagery.								
Product 1. ABC Draw									
Product Details	<p>The ABCdraw Virtual Whiteboard connects tutors with their students to work on solving problems together.</p> <ul style="list-style-type: none"> • Teach up to 10 students at a time. • Simultaneously write on the whiteboard. • Communicate with voice or text. • Draw lines, draw shapes, or use the text tool. • Hand-write with the ABCdraw Pad. • Mathematical equation tools. • Transfer files quickly. • Save images of your Virtual Whiteboard. 								
Availability of Requirement	<p>1 Tutor to 1 Student</p> <p>1 Tutor to Many Students</p>								
Screen Shots									
Pricing Details	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; width: 33%;">Item</th> <th style="text-align: center; width: 33%;">Original price (\$)</th> <th style="text-align: center; width: 33%;">SEK Price</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">ABC Draw</td> <td style="text-align: center;">Different Pricing Packages are available</td> <td></td> </tr> </tbody> </table>			Item	Original price (\$)	SEK Price	ABC Draw	Different Pricing Packages are available	
Item	Original price (\$)	SEK Price							
ABC Draw	Different Pricing Packages are available								
Contact Details	<p>Address USA</p> <p>Tel 1-800-980-9997</p> <p>Fax N/A</p> <p>Email abcinfo@abcdraw.com</p> <p>URL http://abcdraw.com/</p>								
Sources	<p>http://abcdraw.com/</p>								

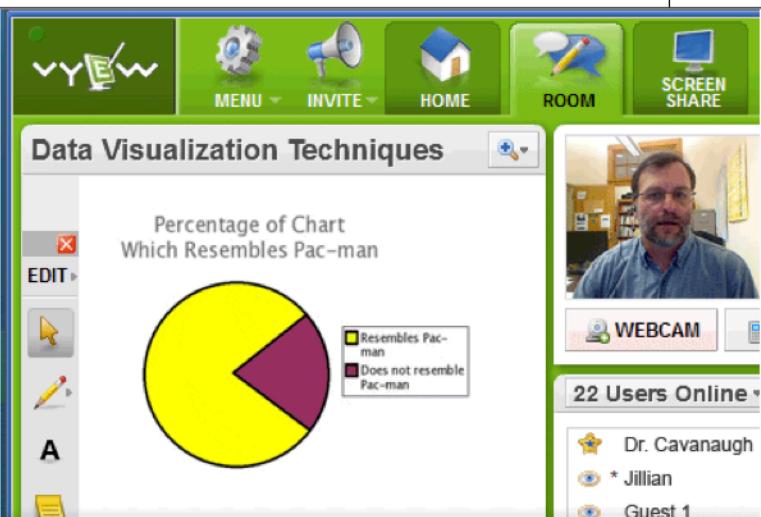
Contd. Section 1: Virtual Interactive Classroom Software

Company 7. Group Technologies Inc

Company Details	Group Technologies Inc is a privately owned software development and consultancy company based in Ladysmith, BC, Canada. We have been developing the Groupboard range of products since 1997, and our focus is delivering high quality, reliable and stable online whiteboard and web conferencing solutions.		
Product 1. Advanced Collaborative Online White Board Software			
Product Details	Groupboard Designer is an advanced online whiteboard app which can be used from any web browser that supports HTML5 (including the iPad and iPhone) with no downloads required. It can be operated either standalone, as a tool for marking up changes and saving them for other people to see, or it can be used in multi-user mode where multiple users can work on a design in real-time.		
Availability of Requirement	1 Tutor to 1 Student		✓
	1 Tutor to Many Students		✓
Screen Shots			
Pricing Details	Item Advanced Collaborative Online White Board Software		Original price (\$) Different Pricing Packages are available
Contact Details	Address Ladysmith, BC, V9G 1A8, Canada	Tel (250) 667-0053	Fax <i>N/A</i>
	Email info-contact@groupboard.com	URL http://www.groupboard.com/	
Sources	http://www.groupboard.com/		

Contd. Section 1: Virtual Interactive Classroom Software

Company 8. Vyew

Company Details	California start-up. Founded by a team of UC Berkeley grads (Go Bears!), the company gained rich set of technical know-how in web applications while building product simulators for Microsoft, Nortel Networks, McAfee, and RSA Security		
Product 1. Continuous Meeting Rooms for Real-Time & Anytime Visual Collaboration Teach & Tutor			
Product Details	<p>It's easy – no installations.</p> <p>It's compatible – PC, Mac, Linux, PowerPoints, documents, images, videos, mp3's, flash files.</p> <p>Conferencing features – white boarding, video conferencing, screen sharing, Voice-over-IP.</p> <p>Collaboration features – continuous rooms are always saved and always-on. Contextual discussion forums, voice-notes, track and log activity.</p>		
Availability of Requirement	<p>1 Tutor to 1 Student</p> <p>1 Tutor to Many Students</p>		
Screen Shots			
Pricing Details	Item	Original price (\$)	SEK Price
	Continuous Meeting Rooms for Real-Time & Anytime Visual Collaboration Teach & Tutor	Different Pricing Packages are available	
Contact Details	Address	2180A Dwight Way, Berkeley, CA 94704	
	Tel	(800) 594-4559	
	Fax	N/A	
	Email	Michael.North@vyew.com	
	URL	https://vyew.com/	
Sources	http://vyew.com/s/		

Contd. Section 1: Virtual Interactive Classroom Software

Company 9. Paradi Solutions

Company Details	Paradiso Solutions is a complete eLearning solutions company based in Silicon Valley, with a global presence not only in USA but around the world. We provide an easy to use and flexible eLearning platform as well as related services such as integrations, support and course creation.										
Product 2. Virtual Classroom Platform											
Product Details	<p>Virtual Classroom Platform allows you to have the power of an LMS with Video Conferencing tools available for presentations, webinars, 1on1 Learning sessions, etc. Virtual Classroom Platform(VCP) provides you everything you need all in one platform.</p> <ul style="list-style-type: none"> • HD Video • Record all live events • Join and participate from your mobile device • Chat , polling and Quizzes <p>Sharing Capabilities:</p> <ul style="list-style-type: none"> • Desktop, Whiteboard, Documents, Applications, Remote Control <p>Recording Add On</p>										
Availability of Requirement	<table border="1"> <tr> <td>1 Tutor to 1 Student</td> <td>✓</td> </tr> <tr> <td>1 Tutor to Many Students</td> <td>✗</td> </tr> </table>	1 Tutor to 1 Student	✓	1 Tutor to Many Students	✗						
1 Tutor to 1 Student	✓										
1 Tutor to Many Students	✗										
Screen Shots											
Pricing Details	<table border="1"> <thead> <tr> <th>Item</th> <th>Original price (\$)</th> <th>SEK Price</th> </tr> </thead> <tbody> <tr> <td>Virtual Classroom Platform</td> <td>N/A</td> <td></td> </tr> </tbody> </table>	Item	Original price (\$)	SEK Price	Virtual Classroom Platform	N/A					
Item	Original price (\$)	SEK Price									
Virtual Classroom Platform	N/A										
Contact Details	<table border="1"> <tr> <td>Address</td> <td>548 Market St, #13781, San Francisco, CA 94104</td> </tr> <tr> <td>Tel</td> <td>1 800 513 5902</td> </tr> <tr> <td>Fax</td> <td>N/A</td> </tr> <tr> <td>Email</td> <td>sales@paradisosolutions.com</td> </tr> <tr> <td>URL</td> <td>https://www.paradisosolutions.com/</td> </tr> </table>	Address	548 Market St, #13781, San Francisco, CA 94104	Tel	1 800 513 5902	Fax	N/A	Email	sales@paradisosolutions.com	URL	https://www.paradisosolutions.com/
Address	548 Market St, #13781, San Francisco, CA 94104										
Tel	1 800 513 5902										
Fax	N/A										
Email	sales@paradisosolutions.com										
URL	https://www.paradisosolutions.com/										
Sources	https://www.paradisosolutions.com/solutions/virtual-classroom-platform										

Section 2: Virtual Interactive Classroom Software – Patents

Patent 1. Panoramic learning system platform based interactive teaching method between teachers and students

Patent Number	CN103646574 A
Publication Date	19 Mar 2014
Inventor/s	Yan Jian
Brief Description	The invention relates to a panoramic learning system platform based interactive teaching method between teachers and students. A network based virtual classroom is formed and accordingly the students in the same virtual classroom can see the teachers or the authorized students and explaining action on a virtual blackboard synchronously and accordingly the purpose of panoramic simulation of the interactive teaching of a real classroom is achieved.
View Image	N/A
Sources	http://worldwide.espacenet.com/publicationDetails/biblio?CC=CN&NR=103646574A&KC=A&FT=D

Contd. Section 1: Virtual Interactive Classroom Software - Patents

Patent 2. Interactive Learning Network

Patent Number	US20120301863 A1
Publication Date	29 Nov 2012
Inventor/s	Kamal Bijlani, P. Venkat Rangan
Brief Description	<p>A system for providing network-based interactive learning including at least one network-connected passive server and at least one network-connected active server, each executing software from a non-transitory physical medium. The passive server provides a log-in function providing log-in for a student for a specific learning session, a provisioning function downloading reference materials for the particular learning session to the student's appliance after log-in, and a switch function connecting the student's appliance to the at least one active server after the reference material is downloaded. The active server provides control of the specific learning session by managing communication between a presenter and individual logged-in students, and by transmitting control messages to the student's appliances, the control messages initiated by activity of the presenter, and by causing display of individual portions of the reference materials downloaded to the student's appliances by the at least one passive server after log-in.</p> <p>The system of claim 2, wherein the interactive interface further comprises a digital whiteboard responding to input from the presenter.</p>
View Image	<p style="text-align: center;"><i>Fig. 1</i></p>
Sources	https://www.google.lk/patents/US20120301863?dq=virtual+interactive+classroom+software+%2B+whiteboard+sharing&hl=en&sa=X&ei=SosbVY7iDozjuQTZh4KICQ&ved=0CDIQ6AEwAw

Contd. Section 1: Virtual Interactive Classroom Software - Patents

Patent 3. System and method for virtual content collaboration

Patent Number	US20120231441 A1
Publication Date	13 Sep 2012
Inventor/s	Sowmya Parthasarathy, Rajaraman Krishnan
Brief Description	<p>An information sharing system includes a database, an application module, a supervisor module, and a subordinate module. The database stores user data associated with a supervisor and a subordinate and static data to be shared by them. The static data is associated with a topic for training.</p> <p>A collaboration system comprising:</p> <ul style="list-style-type: none"> • a first user module configured to display a virtual whiteboard comprising multiple layers of content to a first user among a plurality of users, each layer being associated with at least one of the plural users, wherein said first user is able to modify content only in said layer associated with said first user; • a second user module configured to display the virtual whiteboard to a second user among the plurality of users; and • a sharing module configured to connect the first and second user modules over a network for real-time collaboration between the first and second users, responsive to a request by one of the first and second users, via the virtual whiteboard, • wherein the virtual whiteboard is at least initially oriented around a contextual topic determined by the first or second user that provides a subject for the collaboration.
View Image	
Sources	http://worldwide.espacenet.com/publicationDetails/biblio?CC=US&NR=2012231441A1&KC=A1&FT=D

Contd. Section 1: Virtual Interactive Classroom Software - Patents

Patent 4. Teacher Assignment Based on Student/Teacher Ratios

Patent Number	US8170465 B2
Publication Date	1 May 2012
Inventor/s	Roya Griffin
Brief Description	<p>A system for assigning one or more teachers for teaching in one or more learning sessions comprises an online learning system having one or more nodes that creates one or more online learning sessions having corresponding student/teacher ratios. A scheduling node schedules the one or more teachers for teaching the one or more online learning sessions. Database stores teacher qualification parameters associated with the student/teacher ratio of one or more learning sessions. A processing node adjusts a teacher qualification parameter associated with a teacher based on the number of scheduled learning sessions and corresponding student/teacher ratio of such learning sessions associated with the teacher. The scheduling node schedules the teacher for one or more online learning sessions having a student/teacher ratio that corresponds to the adjusted qualification parameter of the teacher.</p>
View Image	
Sources	https://www.google.lk/patents/US8170465?dq=Virtual+room+tutor+to+students&hl=en&sa=X&ei=PdH2VIq6IMqLuATK9YLYDA&ved=0CBsQ6AEwAA

Contd. Section 1: Virtual Interactive Classroom Software - Patents

Patent 5. Educational System and Method Having Virtual Classrooms

Patent Number	US20080050715 A1
Publication Date	28 Feb 2008
Inventor/s	Mark Golczewski, Marc Corey
Brief Description	<p>A system for instruction a student comprises an online learning system having one or more nodes that creates a learning session at a session start time. The online learning node creates learning environments having a virtual classroom such that at the virtual class room, at least one student can view the activity associated with at least one other student with or without teacher involvement. A database stores one or more matching parameters for matching on or more students with one or more teachers. A matching node selects a teacher for a plurality of students for the online learning session based on the one or more matching parameters. The online learning node places the plurality of students in the virtual class room after the matching node matches the teacher and one or more students and prior to the session start time. According to another aspect, the virtual classroom is created between a first online learning session and a second online learning session scheduled for a student consecutively.</p>
View Image	
Sources	http://worldwide.espacenet.com/publicationDetails/biblio?CC=US&NR=2008050715A1&KC=A1&FT=D

Section 3: Virtual Interactive Classroom Software – Universities

University 1. University of Leicester

Session Description	Chat and the Virtual Classroom are called Collaboration tools in Blackboard. Blackboard provides two default collaboration sessions that you can use: Lecture Hall which is a Virtual Classroom session and Office Hours which is a Chat session. You can either use these sessions or set up your own.	
Contact Details	Address	University Road, Leicester, LE1 7RH United Kingdom
	Telephone	0116 275 8025
	Email	csadmin@mcs.le.ac.uk
URL	http://www2.le.ac.uk/offices/itservices/ithelp/services/blackboard/communication-and-collaboration/chat-and-virtual-classroom/create	

University 2. Victoria University

Session Description	A Virtual Classroom is an online space designed for real-time collaboration and can be used to hold online classes, webinars and meetings. Virtual classrooms often include tools for text and audio chat, a shared interactive whiteboard, sharing of files and the ability to record all interactions for future playback. The virtual classroom software used at Victoria University is called Blackboard Collaborate	
Contact Details	Address	PO Box 14428 Australia Melbourne
	Telephone	61 3 9919 4000
	Email	international@vu.edu.au
URL	http://learningandteaching.vu.edu.au/teaching_practice/blended_learning/elearning_environment/virtual_classroom/	

Contd. Section 1: Virtual Interactive Classroom Software - Universities**University 3. Tulane University**

Session	<ul style="list-style-type: none">• Online course delivery	
Description	<ul style="list-style-type: none">• User-friendly interface to the virtual classroom• "Concierge" type technical support. The distance learning (DL) IT staff focus is solely on DL students and supporting them and do not support other IT or university issues. They are here for YOU!• Accessible from any location at any time via the Internet. We have had students complete their degree from an oil rig 100 miles off the African coast• Using Blackboard you are able to: turn in assignments, view recorded lectures, participate in discussion boards and connect with faculty.• For classes requiring group work we can create virtual environment for your study group and meeting sites. <p>Even though on line your access to faculty and other students is virtually unlimited.</p>	
Contact Details	Address	CAEPH, 1440 Canal Street, New Orleans, LA 70112,
	Telephone	504-988-1774
	Email	sphtmadmissions@tulane.edu
URL	http://www.sph.tulane.edu/publichealth/caeph/dl/virtual_classroom_conveniences.cfm	

Contd. Section 1: Virtual Interactive Classroom Software - Universities**University 4. The University of Arizona**

Session	The Online Rooms tool (powered by Blackboard Collaborate®) allows for you to create a virtual classroom within your D2L course site. Some of the options available within this tool include: <ul style="list-style-type: none">• Live Video sessions: Using a webcam and microphone, you can hold live lectures with participants allowing them to see and hear you in real time. Moderators may also grant participants using a webcam and microphone the ability to speak to and be seen by the class.• Whiteboard: The Virtual white board allows you to draw and type directly on a shared whiteboard as well as add clipart, screencaptures, and file uploads.• Desktop and Application Screen Sharing: Desktop screen sharing allows you to display everything visible on your computer screen to your participants, while Application sharing allows you to restrict visibility to a specified program.• Breakout Rooms: Use breakout rooms to allow participants to engage in smaller group chat sessions, while retaining the ability to return to the main lecture at any time.• Polling: Ask live questions and have participants select an answer to help improve engagement in the session.
Contact Details	Address Tucson, AZ 85721, USA Telephone (520) 626-6804 Email D2L@email.arizona.edu
URL	http://help.d2l.arizona.edu/content/online-rooms-overview

Contd. Section 1: Virtual Interactive Classroom Software - Universities

University 5. Federation University of Australia

Session Description	<p>Blackboard Collaborate (previously Elluminate) is the virtual classroom software used by FedUni. All references to Elluminate should be read as a reference to Blackboard Collaborate.</p> <p>Blackboard Collaborate allows you, the 'moderator,' to host online lectures and tutorials for up to 100 participants. Inside the room, you can:</p> <ul style="list-style-type: none"> • Conduct audio and video conferencing • Present slideshows • Collaborate on an interactive whiteboard • Share desktops • Send and receive files and instant messages <p>Record the session for later use.</p>						
Contact Details	<table border="1" style="width: 100%;"> <tr> <td style="width: 15%;">Address</td><td>Mount Helen VIC 3350, Australia</td></tr> <tr> <td>Telephone</td><td>(03) 5327 6151</td></tr> <tr> <td>Email</td><td>clipp@federation.edu.au</td></tr> </table>	Address	Mount Helen VIC 3350, Australia	Telephone	(03) 5327 6151	Email	clipp@federation.edu.au
Address	Mount Helen VIC 3350, Australia						
Telephone	(03) 5327 6151						
Email	clipp@federation.edu.au						
URL	http://federation.edu.au/staff/learning-and-teaching/clipp/elearning/virtual-classroom						

University 6. University of California Riverside

Session Description	<p>The Collaboration Tools allow users to participate in real-time lessons and discussions. Examples of these sessions include real-time, online classroom discussions, guest speaker led sessions, Teaching Assistant sessions, and live question-and-answer sessions.</p> <p>Sessions can be recorded and made available for review. There are two types of Collaboration tools available in Blackboard: Chat, a simple, text-based messaging tool; and Virtual Classroom, an interactive classroom session where users can use a virtual whiteboard, share a browser and ask questions.</p>							
Contact Details	<table border="1" style="width: 100%;"> <tr> <td style="width: 15%;">Address</td><td>900 University Ave. Riverside, CA 92521</td></tr> <tr> <td>Telephone</td><td>(951) 827-4741</td></tr> <tr> <td>Email</td><td>helpdesk@ucr.edu</td></tr> </table>		Address	900 University Ave. Riverside, CA 92521	Telephone	(951) 827-4741	Email	helpdesk@ucr.edu
Address	900 University Ave. Riverside, CA 92521							
Telephone	(951) 827-4741							
Email	helpdesk@ucr.edu							
URL	http://cnc.ucr.edu/ilearn/fac_intermediate.html							

Contd. Section 1: Virtual Interactive Classroom Software - Universities**University 7. The University of Queensland**

Session	UQ's virtual classroom is a web conferencing tool that enables a group of people to work together in real time online. The virtual classroom provides the ability to interact and collaborate in real time with other participants in the course using voice, text chat, shared desktops, whiteboards and webcams while physically separate.
	<p>Virtual classrooms like physical classrooms can be used for an incredible range of activities, such as:</p> <ul style="list-style-type: none">• group discussions• break out group activities (in break out rooms)• practical demonstrations (of software/tools/procedures)• peer presentations• collaborative drawing• eliciting audience responses through polls (clickers style), surveys and comments• delivering lecture content• accessing multimedia (YouTube videos/audio clips)• playing games and using simulations• research or practicum student supervision• recording live sessions
Contact Details	Address Brisbane St Lucia, QLD 4072 Australia
	Telephone 61 7 3365 1111
	Email marketing@its.uq.edu.au
URL	http://cnc.ucr.edu/ilearn/fac_intermediate.html http://www.uq.edu.au/

Feedback

Any feedback on the answer provided would be greatly appreciated by the researcher and [REDACTED]

Query Details

Customer Name	[REDACTED]
Question	[REDACTED]
Allocated Time Frame	[REDACTED]
Answer Format	[REDACTED]
Team Leader	[REDACTED]
Researcher	[REDACTED]