



Electronics and Telecommunication Institute
Kyrgyz State Technical University named after I. Razzakov
International Telecommunication Union



«CONNECT SHCOOLS» PROJECT

EVALUATION REPORT

of the short term courses

«COMPUTER SKILLS AND KNOWLEDGES
IN INTERNET AND WEB-TECHNOLOGIES»

Training for trainers

06.04.2015- 10.04.2015

Teachers Staff:

J.Barakova

signature

A. Sarybaeva

signature

Course manager:

A.Tutlis

signature

Bishkek - 2015

I. GENERAL INFORMATION

PROJECT	«TRAINING FOR TRAINERS»
Main idea:	Increased access to information and communication technologies, training in modern information technologies and improvement of rural schools teachers' skills.
Objective:	To organize short term courses for teachers in rural schools on infocommunication and web-technologies.
COURSE NAME:	Short term courses «Computer skills and knowledges in internet and web technologies»
Main idea of course:	<p>The purpose of this course is to teach the teachers in rural schools to operate productively in the information space of the Internet to achieve their communication, technical skills during the designing sites.</p> <p>Teaching teachers in rural schools the basics of working with information resources on the Internet, the basics of markup language HTML, methods of using CSS, the basics of building sites on the Internet.</p> <p>The program content is oriented on the formation of experience in the use of Internet technologies for the professional tasks and skills development of web-sites:</p> <ol style="list-style-type: none"> 1) introduce the types of web sites, their functional, structural and technological features; 2) build skills of elementary design, construction, placement and maintenance of the web site; 3) give primary skills of programming in HTML, and the basis of CSS; 4) introduce the basics of web design; 5) build skills to work in teams with complex web projects.
Expected results of training:	<p>As a result of this course participants should:</p> <p>to know:</p> <ol style="list-style-type: none"> 1. principles and structure of the "World Wide Web", the presentation of information on the Internet; 2. kinds of websites; <p>be able to:</p> <ol style="list-style-type: none"> 1. find , save and organize the necessary information from the network using available technologies and software; 2. have the skills to work with different browsers (IE, Opera, Firefox, Chrome , etc.) and finding information via the Internet ; 3. design, produce and host a Web site ; 4. program in HTML; 5. use in creating web pages the basic principles of web design , CSS, and to analyze and formulate its own position in relation to their structure, content, design and functionality; <p>have skills:</p> <ol style="list-style-type: none"> 1. means necessary to design, create, organize and update the website. <p>Successful learning in this course provides a solid foundation for further study of web-based technologies.</p>

DATE OF COURSE:			
<i>Start Date:</i>		06.04.2015	
<i>The End Date:</i>		10.04.2015	
<i>Duration:</i>		5 days	
<i>Evaluation Date:</i>		10.04.2015	
Project Manager:	Director of Institute	signature	Prof. B.Nurmatov
Course Staff :	Course Manager	signature	A. Tutlis
	Ph.D	signature	J.Barakova
	Senior Lecturer	signature	A.Sarybaeva

II. COURSE CONTENT

2.1. Technical environments for training

Organized outreach courses for rural schools teachers of Dzhalaal-Abad regions districts of the Kyrgyz Republic. Classes were held in school named after B.Osmonov, which has a modern material and technical base, equipped with multimedia classrooms and a computer with Internet access.



2.2. Course program

CONTENT

1 st day		
Time	Themes	Used materials and responsible person
09.00-09.20	Welcoming, opening training	Presentation
09.20-10.00	Introduction to subject	Presentation
10.00-10.30	Coffee Break	
10.30-12.30	Introduction to Internet <ul style="list-style-type: none"> – What is the Browser (theory)? – How to work with browser (practice)? – Change browser settings? – Searching information in Internet – Copy information to computer. – Classification of sites – What is the Email? – Email service. – Creating email. – Sending and receiving messages. – Browse file to the letter. Provider. <ul style="list-style-type: none"> – What is the provider? – Provider in Kyrgyz Republic 	Presentation
12.30-13.30	<i>Lunch time</i>	
13.30-14.00	Review of daily materials Task	Used materials Video lessons
14.00-15.00	Web page, Introduction to HTML technologies <ul style="list-style-type: none"> – What is Web page? – What is the Hyperlink? – How to create Hyperlink? – Creating web-page in text editor MS Word – Creating hyperlink in text editor – Classification hyperlinks 	Presentation Video lessons
15.00-15.30	Coffee Break	
15.30-16.50	Review of daily materials Practice tasks: <ul style="list-style-type: none"> – Create web-page in text editor MS Word – Create several copies web-pages – Create hyperlink every page into main page 	Used materials Video lessons
16.50-17.00	Blank form: Proposes for the next lessons, questions	
2 nd day		
09.00-09.30	Previous days' materials review	
09.30-10.30	<ul style="list-style-type: none"> – Main structure of HTML documents – What is a "tag", attributes <ul style="list-style-type: none"> – title and paragraphs in HTML pages(<p>,<h>) 	Presentation Video lessons

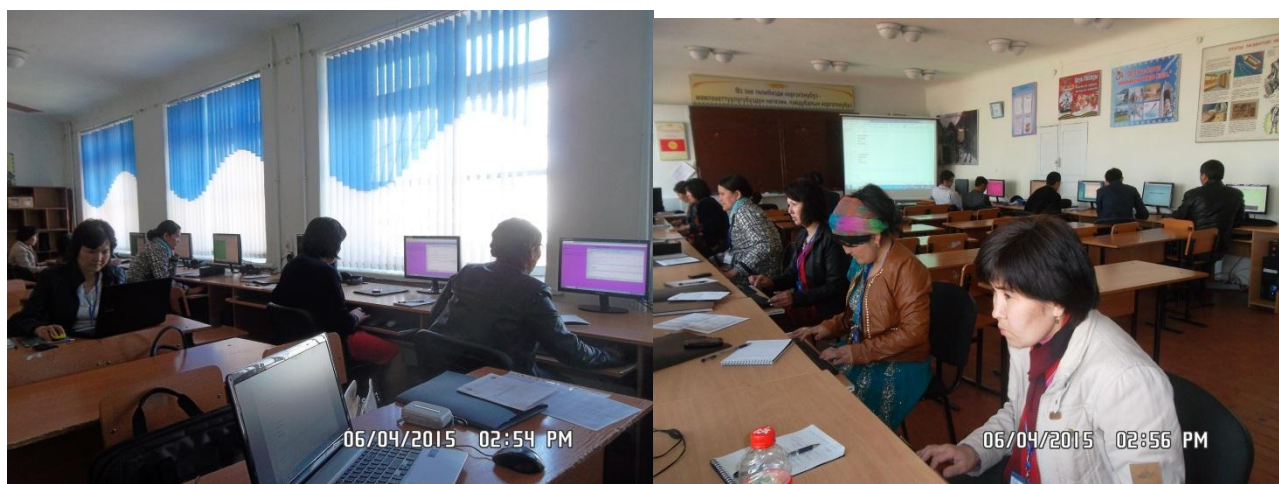
	<ul style="list-style-type: none"> – Tags and attributes for list and marking HTML pages (,) – TAG and creating hyperlinks(<a>) 	
10.30-11.00	Coffee Break	
11.00-12.30	Practice Tasks : <ul style="list-style-type: none"> – Create 1-HTML page – Use tags and titles and for paragraphs – Enter marking and lists – Create link to the another page – Enter images into page – Create links to the images 	Presentation
12.30-13.30	<i>Lunch time</i>	
13.30-14.00	Practical discussion	
14.00-15.00	TAG and (proposition) <ul style="list-style-type: none"> – TAG and table(<table>) – Attributes and TAG and table(border, color) – Tags specify the font settings and his attributes(,
) – tag defining color (<color>) – Insert images into pages() – Create link from the image (<a>) 	Video lessons
15.00-15.30	Coffee Break	
15.30-16.50	Practice review Task: <ul style="list-style-type: none"> – Create table in HTML page – Change settings in the table – Insert table into down of – Change image settings – Create link from the image into another page 	Presentation
16.50-17.00	Blank form: Proposes for the next lessons, questions	Used materials
3^d day		
09.00-09.30	Previous days' materials review	
09.30-10.30	Cascade Style Sheets(CSS) <ul style="list-style-type: none"> – Introduction to CSS – Types Selection – Selector of tags – ID Selectors – The class selector – Group selector 	Presentation
10.30-11.00	Coffee Break	
11.00-12.30	Practice review Task: <ul style="list-style-type: none"> – Create file style.css. saving – Connect style.css into web-page – Using selectors 	Used materials Video lessons
12.30-13.30	<i>Lunch time</i>	
13.30-14.00	Practice discussion	
14.00-15.00	Work with styles	Presentation Video

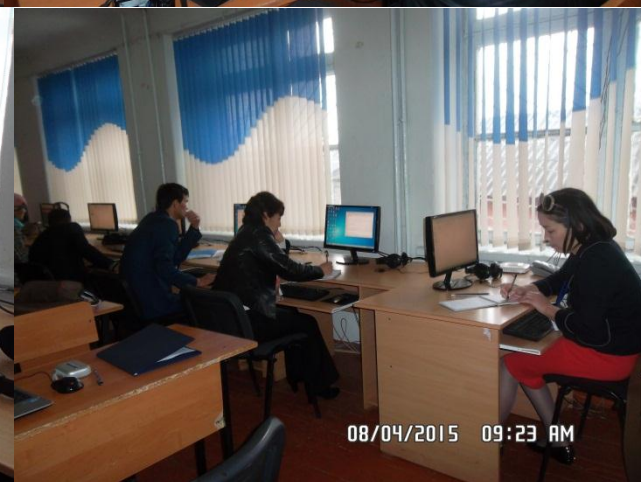
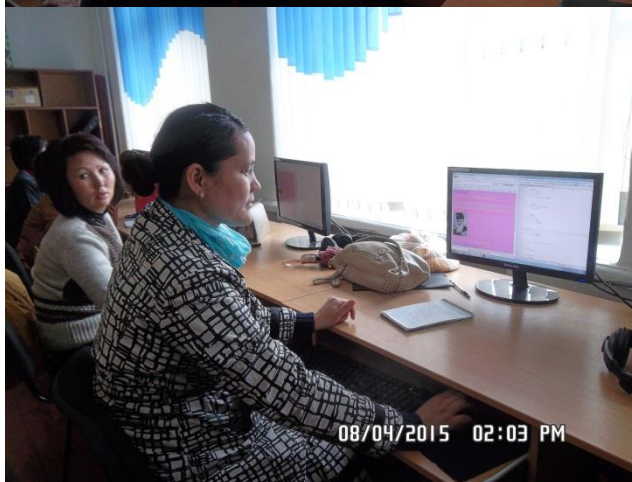
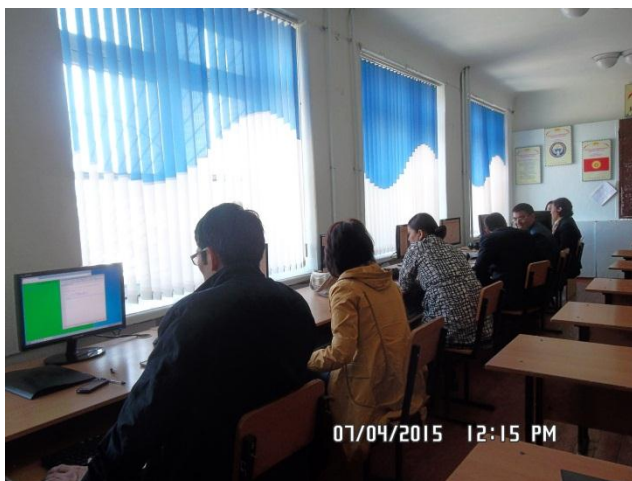
	<ul style="list-style-type: none"> – PropertiesFont-family? – Properties Font-size – Properties Font-color – Properties Font-style – Properties Font-weight – Text-decoration Work with text <ul style="list-style-type: none"> – Properties Text-align. – Properties Text-indent ? Work with background <ul style="list-style-type: none"> – PropertiesBackground 	lessons
15.00-15.30	Coffee Break	
15.30-16.50	Practice review Tasks: <ul style="list-style-type: none"> – Change style settings web-pages – Correct textsandselectrow – Change screen page – Insertimagesin screen page 	Presentation
16.30-17.00	Blank form: Proposes for the next lessons, questions	Использованные материалы
4th day		
09.00-09.30	Previous days' materials review	
09.30-10.30	Macromedia Dreamweaver HTML Editor <ul style="list-style-type: none"> – Download of Macromedia Dreamweaver – Main editor interface – Toolsandwindowproperties – Work with window design and code – Creatingweb-setting – Work with tables – Work with hyperlinks 	Presentation
10.30-11.00	Coffee Break	
11.00-12.30	Practice review Task: <ul style="list-style-type: none"> – Create web-page with Macromedia Dreamweaver editor – Create table, – Create linkto another page 	Presentation Video lessons
12.30-13.30	<i>Lunch time</i>	
13.30-14.00	Practice discussion	
14.00-15.00	Macromedia Dreamweaver (contd.) <ul style="list-style-type: none"> – Connection file style.css into web-page – Work withstyles – Stylish classesand workwith it – Workwithweb-forms 	Used materials
15.00-15.30	Coffee Break	
15.30-16.50	Practice review Task: <ul style="list-style-type: none"> – Macromedia Dreamweaver Editor attaching style.css on the web page – Work with class 	

	<ul style="list-style-type: none"> – Create web-form – (text row, checkbox, button and so on.) 	
16.50-17.00	Blank form: Proposes for the next lessons, questions	
5th day		
09.00-09.30	Previous days' materials review	
09.30-10.30	Domain and Hosting <ul style="list-style-type: none"> – What is domain? – What is hosting? – Free hosting – Replace sites into hosting – Manage sites in hosting 	Presentation
10.30-11.00	Coffee Break	
11.00-12.30	Practice review Task: <ul style="list-style-type: none"> – Register in the free hosting – To get domain. – Loading sites in domain – Work with program "total commander" 	
12.30-13.30	<i>Lunch time</i>	
13.30-15.00	Testing	
15.00-16.00	Rewarding the Certificate	

There were 2 Coffee Breaks where participants could ask teachers and discuss about class and exchange experience between each other.

All practical and theoretical classes' tutorials were printed and provided to course students, also were shared soft copies of video class materials (see Appendix 2).





On the end of class all participants were tested by test program for knowledge level checking where questions relate with program topics.

Comment Book was created for course participants. Each student should leave opinion about course and give own suggestion according course, teachers, teaching methods and organization of training.

Results of the survey at the beginning of the course

N	Name	Have you participated in previous courses held within the project "School Connect"		Specify what browsers you use most often?					Have you tried creating websites?		Did you work with the program AdobeDreamweaver?		Have you studied the basics of HTML?		Have you studied the basics of CSS?	
		Yes	No	Opera	InternetExplorer	MozillaFirefox	GoogleChrome	do not use the Internet	Yes	No	Yes	No	Yes	No	Yes	No
1	Akmatbekova Aida		+	+						+		+		+		+
2	Alimbekov Askat	+					+			+		+		+		+
3	Amanbaev Zhanuzak		+		+					+		+		+		+
4	Ashirmatov Adilet		+				+		+			+	+			+
5	Bazarbaeva Kurbanoi		+	+						+		+		+		+
6	Sherieva Gulzar		+		+					+		+		+		+
7	Zheenalieva Meerim		+	+						+		+		+		+
8	Karimkulova Zhumakan		+	+						+		+		+		+
9	Moldolieva Gulzhaina		+		+				+			+		+		+
10	Otombaeva Siezdgul		+			+			+			+		+		+
11	Sattarov Shuhrat		+				+			+		+		+		+
12	Smatov Almaz		+				+			+		+		+		+
13	Tashtanbekov Akylbek		+					+		+		+		+		+
14	Tillebaev Ernis		+	+						+		+		+		+
15	Torobaeva Tynara		+	+						+		+		+		+

16	Chanachova Nurzhan		+	+						+		+		+		+
17	Ergeshov Shairbek	+		+						+		+		+		+
	%	11,76%	88,24%	50,00%	17,65%	5,88%	23,53%	5,88%	11,76%	76,47%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%

The results of the questionnaire to rate indicate that:

- 1) 11.76% of the participants took part in previous courses held within project "Connect a School";
- 2) 5.88% of the participants did not use the Internet;
- 3) 11.76% of the previously was engaged in creation sites;
- 4) almost all of the participants do not know the technology of creating websites, i.e materials of the ongoing course.

Results of the survey at the end of the course

№ п/п	What topics are not necessary for you, and what topics are you more like and want?	Are all the topics of the course have been passed?	You enjoyed the level of the course? Your opinion about the course	Do you want to participate in the course of the next level? If so, on what?
1	All subjects are needed	Yes	The course is held at a high level. I got a lot of useful information.	Yes, I want to participate in courses on C++, VisualBasic, Delphi
2	There was so unnecessary. All themes are very much needed	Yes	The course is held at a high level, practical exercises helped to master the course al approach to each student	Yes, I want to participate in courses on Internet Technologies
3	All themes are necessary and useful for me	Yes	Classes are held at high level and I really enjoyed teaching methods trainers	Yes, I want to participate in courses on programming
4	All themes are necessary and actual	Yes	In a short time could increase the level of qualification	Yes, I want to participate in courses on programming
5	All passed topics we really need	Yes	I have received a lot of useful information available on the Kyrgyz language	I learned a lot, and want to participate in future courses of this level
6	All passed topics needed	Yes	I want to note the excellent teaching quality of teachers	I want to participate in courses on object-oriented programming
7	All passed topics needed	Yes	The course is held at a high level, especially liked the handouts, which also include electronic textbooks in the Kyrgyz language	Yes, I would like to participate in courses on programming languages
8	No unnecessary topics	Yes	The course is held at a high level. I got a lot of useful information available on the Kyrgyz language, as there are no textbooks in Kyrgyz	Yes, I would like to participate in courses on programming languages
9	All themes are very necessary to us	Yes	Trainers show their professionalism, liked their attitude and individual approach to each	Yes, I would like to participate in courses on programming

10	All themes are very necessary to us	Yes	I want to continue the course	I would like to participate in courses to prepare students for Olympiads
11	All passed topics needed	Yes	In rural schools do not have the conditions to improve the knowledge of teachers, so these courses are so necessary for rural schools	Yes, I would like to participate in courses on programming languages
12	All themes need	Yes	In rural schools do not have the conditions to improve the knowledge of teachers, so these courses are so necessary for rural schools	Yes, I would like to participate in courses on Software
13	All themes are very necessary to us	Yes	Trainers showed their professionalism liked their attitude, and individual attention to each	Yes, I want to participate in all courses in design, PHP, MySQL, Jscript, etc.
14	All themes are necessary and useful for me	Yes	The course is held at a high level, I want to express my gratitude to our coaches	Yes, I want to participate in all the courses the next level
15	All themes are necessary and useful for me	Yes	The course is held at a high level, practical exercises helped to master the course	Yes, I want to participate in all courses next level
16	All themes are necessary and useful for me	Yes	The course is held at a high level, I want to express my gratitude to our coaches	Yes, I want to participate in all courses next level
17	All themes are necessary and useful for me	Yes	Classes are held at high level and I really enjoyed teaching methods trainers	Yes, I want to participate in courses on programming

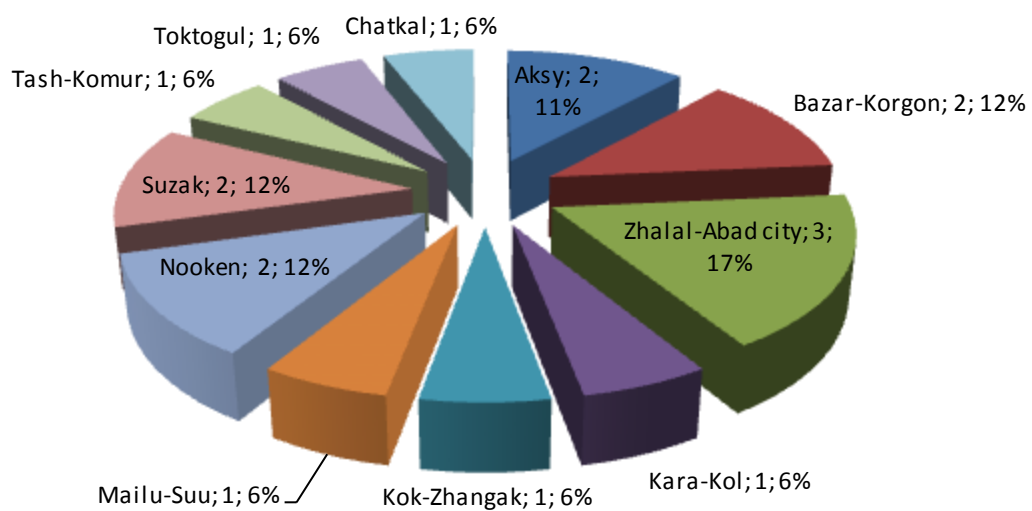
As shown by the results of the questionnaire after the course, participants noted the high level of courses, thanked the organizers of the course and wish to participate in courses on software engineering.

2.3. List of Participants

There were 17 rural teachers from Dzhahal-Abad regions districts of the Kyrgyz Republic and 9 of them were women:

No	District/city	School	Name	
1	Mailuu-Suu	Secondary school N7	Akmatbekova Aida	Teacher on Informatics
2	Zhalal-Abad city	Jalal-Abad regional methodical center of education	Alimbekov Askat	Teacher on Informatics
3	Aksy	Secondary school named after N.Mambetov	Amanbaev Zhanuzak	Teacher on Informatics
4	Zhalal-Abad city	Secondary school N5 named after B.Osmonov	Ashirmatov Adilet	Teacher on Informatics
5	Bazar-Korgon	Secondary school N10 named after Frunze	Bazarbaeva Kurbanoi	Teacher on Informatics
6	Kara-Kol	Secondary school N3 named after Frunze	Sherieva Gulzar	Teacher on Informatics
7	Suzak	Secondary school named after Michurin	Zheenalieva Meerim	Teacher on Informatics
8	Nookan	Secondary school N13 named after Rahmanzhan	Karimkulova Zhumakan	Teacher on Informatics
9	Tash-Komur	Secondary school N3 named after T.Moldo	Moldolieva Gulzhaina	Teacher on Informatics
10	Toktogul	Secondary school named after Bokonbaev	Otombaeva Siezdgul	Teacher on Informatics
11	Bazar-Korgon	Secondary school N3 named after Babur	Sattarov Shuhrat	Teacher on Informatics
12	Chatkal	Secondary school named after Gagarin	Smatov Almaz	Teacher on Informatics
13	Suzak	Secondary school named after T. Alybaev	Tashtanbekov Akylbek	Teacher on Informatics
14	Aksu	Secondary school named after Aksu	Tillebaev Ernis	Teacher on Informatics
15	Nookan	Secondary school N30 named after Damashev	Torobaeva Tynara	Teacher on Informatics
16	Zhalal-Abad city	Jalal-Abad regional methodical center of education	Chanachova Nurzhan	Teacher on Informatics
17	Kok-Zhangak	Secondary school N1 named after Frunze	Ergeshov Shairbek	Teacher on Informatics

Number of participants



III. COURSE TEST RESULTS

3.1. Testing exam

On the end of course participants was tested according passed tutorials. All result papers attached in *Appendix 3*.

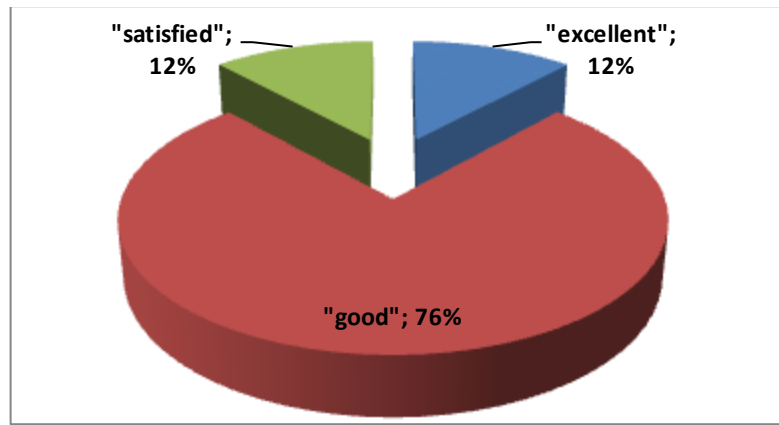
Exam Sheet № _____

Exam Data: 10.04.2015

N	First, Surname	Number of correct answers	Number of incorrect answers	Percent age of correct answers	Grade
1	Akmatbekova Aida	20	5	80%	4
2	Alimbekov Askat	24	1	96%	5
3	Amanbaev Zhanuzak	20	5	80%	4
4	Ashirmatov Adilet	19	6	76%	4
5	Bazarbaeva Kurbanoi	14	11	56%	3
6	Zheenalieva Meerim	20	5	80%	4
7	Karimkulova Zhumakan	22	3	88%	4
8	Moldolieva Gulzhaina	18	7	72%	4
9	Otombaeva Siezdgul	24	1	96%	5
10	Sattarov Shuhrat	22	3	88%	4
11	Smatov Almaz	18	7	72%	4
12	Tashtanbekov Akylbek	21	4	84%	4
13	Tillebaev Ernis	18	7	72%	4
14	Torobaeva Tynara	21	4	84%	4
15	Chanachova Nurzhan	15	10	60%	3
16	Sherieva Gulzar	21	4	84%	4
17	Ergeshov Shairbek	22	3	88%	4
	Average	20	5	80%	4

Total: 17

<i>"excellent"</i>	<i>2</i>	<i>12%</i>
<i>"good"</i>	<i>13</i>	<i>76%</i>
<i>"satisfied"</i>	<i>2</i>	<i>12%</i>
<i>"notsatisfied"</i>	<i>0</i>	<i>0%</i>



Test program was installed on every participants computer and test time was 40 min. After completing test everybody could see own results automatically. Heretest paper number,name, surname of tested person, questions and answer, scores and finally amount of correct answers, and it percentage representation and grade. Testsresultview:

ТЕСТТИН ПРОТОКОЛУ №__

Фамилиясы, аты,
атасынын аты

Отombaева Съездгул

Датасы

10.04.2015

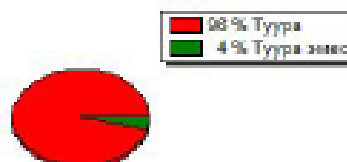
Окулаган курс

Web-технологиялар

№	Суроо жана ага берилген жооп	Баллы
1	Меню сайттарына тузуу учун тизмени колдонууга болобу? <i>болот</i>	1
2	CSS те /* */ белгилери эмнеге тушундурат? <i>комментарий</i>	1
3	Сайттын структурасынын кайсы турлору бар? <i>сырткы жана ички</i>	1
4	Стильдин каскаддык таблицасын документке тирмөөсүн кайсы ыкмасы бар? <i>з</i>	1
5	Бир стильдин каскаддык таблицасын бир нече документти форматтоого колдонууга болобу? <i>болот</i>	1
6	Сайттын эмнегине тузууну кайсы ыкмалары бар? <i>Фреймди, таблицаны, блоку колдонуп тузууга болот</i>	1
7	Мета-тегдер веб-баракчанын кайсы болуугунда жайгашат? <i><head> ... </head></i>	1
8	HTML баракчасында эм чен ошондогу баш соо кайсы тегдин жардамы менен ачылатат? <i><h1> ... </h1></i>	1
9	Шрифттин оңтөөсүнүн чен бирдиктерин көрсөткүлө <i>Баары туура</i>	1
10	Блокту тузуу учун кайсы тег колдонулат? <i><div></i>	1
11	HTML баракчасынын структурасы кайсы болуктом турат? <i><head> ... </head> <body> ... </body></i>	1
12	Негизги селекторлордун турлорун ачыктагыла <i>тег селектору, класс селектору, идентификатор селектору</i>	1
13	Браузер деген эмне? <i>Веб-сайттарды көрүү үчүн арналган программалык жабдуу</i>	1
14	Туура жазылган электрондук почтага шилтемени көрсөткүлө <i> E-mail </i>	1

№	Суроо жана ага берилген жооп	Баллы
15	HTML документи менен CSS документин кайсы тегдин жардамы менен байланыштырабыз? <link>	0
16	HTML документине сурет коюу үчүн кайсы тег колдонулат? 	1
17	Кайсы псевдоселектор туура жазылган? a:hover {color: #FF00FF;}	1
18	Веб-хостинг деген эмне? Провайдердин серверинде сайтты жайгаштыруу кызматы.	1
19	HTML документине фондуз тусун аякстоо үчүн кайсы атрибут колдонулат? bgcolor	1
20	Туура жазылган кодировканы аякстооту тегди аяктагыла <meta http-equiv="content-type" content="text/html; charset=utf-8">	1
21	Тизмелер түзүүгө арналган тегдерди аяктагыла , 	1
22	Сайттын кандай түрлөрү бар? статикалык жана динамикалык	1
23	Суретке рамка коюу үчүн кайсы атрибут колдонулат? border	1
24	Тегтин кичи туру бар? 2	1
25	Тексттин астын чыгуу үчүн туура жазылган арканы аяктагыла p {text-decoration: underline;}	1

Туура жооптун саны	<u>24</u>
Туура эмес жооптун саны	<u>1</u>
Туура жооптун пайызы	<u>96%</u>
Баасы	<u>5</u>



Мугалимдин фамилиясы, аты, атасынын аты _____

On the end of course each participant express his own opinion about course and give own suggestion according course, teachers, teaching methods and organization of training. Teachers noted that courses were very useful and informative.

According test results participants got Certificates.

