

# Business university IT course integrity issues

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**Key words:** Distance learning - DL, IT, IS, cloud services, ELMS, MOODLE, SaaS, PaaS, IaaS

Modern education can't be imagined without academic integrity. In this article we present academic integrity in higher education as integrity of programs and courses with other fields of study like information technology (IT), information systems (IS). On the other hand, IT courses of higher institution combined with applications of IT in study field can be also considered as academic integrity. Moreover, any human activity in any field of human business can't be imagined without IT facilities. So, in this presentation, we share with our experience of business higher institution course arrangement to be on feet with modern trends in information technologies and business management.

- ▶ It's a fact cloud computing is deciding almost all people's needs in storing, retrieving data, running application software in the computer net, etc.
- ▶ The cloud makes it possible to access information from any device, from any place, at any time. While a traditional computer setup requires to be in the same location as data storage device, the cloud takes away that step. The cloud removes the need to be in the same physical location as the hardware that stores data. Cloud provider can both own and house the hardware and software necessary to run home or business applications.
- ▶ For higher institutions also there are today many good useful facilities providing educational process with up-to-date data storing, data processing tools as, for example: Google drive, Google docs, etc.
- ▶ Even for managing educational process we can find such platforms as learning management systems (LMS) as, for instance, - MOODLE
- ▶ This 2015-2016 academic year we tried in KIMEPU the MOODLE 2.9 version for distance learning (DL) purposes in some of our courses including our course of "Database Management Systems in Business"
- ▶ In this presentation I'd like to share with some useful practiced facilities of MOODLE 2.9 integrated to my course

The use of MOODLE 2.9 as ELMS (electronic learning management system) is very effective for many teaching and studying purposes as for **teacher's side**:

- ▶ Placing (allocating) in MOODLE course materials of different formats (text, .ppt, .pdf, .xls, .mdb, .ddb, video, and more)
- ▶ Controlling students' attendance (Note: I conducted the course in class at scheduled time not in distance as it is a **pilot** project)
- ▶ Placing in MOODLE **assignment tasks** and receiving students attachment files for tasks
- ▶ Arranging **quizzes** of huge varieties of constructions:
  - Multiple choice
  - Matching
  - Calculated
  - Essay
  - True/False
  - Select missing words
  - Etc.
- ▶ Arranging Workshops, where students should submit their projects and assess their group-mates' projects by the sample grading which can be specified by instructor (lecturer)
- ▶ Arranging and conducting forums
- ▶ Arranging and/or conducting chats
- ▶ Grading students activities automatically.

The use of MOODLE 2.9 as ELMS (electronic learning management system) is very effective for studying purposes as for **students' side**:

- ▶ Having an access to any registered course materials placed in MOODLE
- ▶ Having an access to course materials placed in MOODLE at any time and from any device, and any place
- ▶ Possibility to upload and download assignment project files of any format.
- ▶ Possibility to answer quiz questions and receive the results (scores) immediately, even with teacher's comments.
- ▶ Possibility to share ideas and get immediate reply from teacher and/or from group-mates via forums, chats.
- ▶ Possibility to maintain up-to-date computer, software, network facilities.
- ▶ Possibility to work in teams at group projects

# My Dashboard:

The screenshot displays a web browser window with multiple tabs. The active tab is titled 'el-new kimep.kz/my/'. The browser's address bar shows 'el-new kimep.kz/my/'. The page header includes a language selector set to 'English (en)' and a user profile for 'Uldana Balzdayeva'. The main content area is titled 'Dashboard' and features a 'Customize this page' button. The dashboard is organized into three main sections: 'Navigation', 'Course overview', and 'Private files'. The 'Navigation' section on the left lists various course links under the heading 'Dashboard'. The 'Course overview' section in the center lists several courses, each with a status icon and a brief description. The 'Private files' section on the right indicates 'No files available'. Below this, the 'Online users' section shows a list of users, including 'Uldana Balzdayeva'. The 'Latest badges' section shows 'You have no badges to display'. The 'Calendar' section displays a calendar for April 2016. The 'Upcoming events' section at the bottom indicates 'There are no upcoming events'. The Windows taskbar at the bottom shows the system clock as 12:58 PM on 4/22/2016.

Navigation

- Dashboard
- Site home
- Site pages
- My courses
  - TEST-DMSB
  - IFS2223 L, Balzdayeva Uldana
  - GEN/OPW1300 T, Balzdayeva Uldana
  - GEN/OPW1300 L, Balzdayeva Uldana
  - IFS2202 L, Balzdayeva Uldana
  - IFS2203 T, Fidirko Nadezhda
  - GEN/OPW2301 T, Fidirko Nadezhda
  - GEN/PAD2700.2 L, Niyazbekov Nursell
  - JMC4415 L, Harvey Kenneth Eugene
  - JMC2211 L, Harvey Kenneth Eugene

Course overview

Database Management Systems in Business

You have upcoming chat sessions

Management Information Systems IFS2203 L, Balzdayeva Uldana

You have assignments that need attention

Introduction to Computers GEN/OPW1300 T, Balzdayeva Uldana

You have assignments that need attention

Introduction to Computers GEN/OPW1300 L, Balzdayeva Uldana

You have assignments that need attention

Database Management Systems in Business IFS2202 L, Balzdayeva Uldana

You have assignments that need attention

Management Information Systems IFS2203 T, Fidirko Nadezhda

You have assignments that need attention

Business Computer Applications GEN/OPW2301 T, Fidirko Nadezhda

You have assignments that need attention

Fundamentals of Sociology GEN/PAD2700.2 L, Niyazbekov Nursell

You have assignments that need attention

Online interactive, Multimedia Technologies JMC4415 L, Harvey Kenneth Eugene

Private files

No files available

Manage private files...

Online users

Last 5 minutes

Uldana Balzdayeva

Latest badges

You have no badges to display

Calendar

Apr 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5

Upcoming events

There are no upcoming events

## “IFS3202 Database Management Systems in Business” course calendar of activities:

The screenshot shows a web browser window displaying the Moodle course calendar for IFS3202. The URL is `el-new.kimep.kz/calendar/view.php?view=upcoming&course=782`. The interface includes a sidebar with navigation links, a main content area with event filters and a calendar view, and an administration panel.

**Sidebar:**

- Dashboard
  - Site home
  - Site pages
  - Current course
    - IFS3202 L. Baizylbayeva Uldana
      - Participants
      - Badges
      - General
      - Topic 1
      - Topic 2
      - Topic 3
      - Topic 4
      - Topic 5
      - Topic 6
      - Topic 7
      - Topic 8
      - Topic 9
      - Topic 10
      - Topic 11
      - Topic 12
      - Topic 13
      - Topic 14
      - Topic 15
    - My courses

**Administration:**

- Course administration
  - Turn editing on
  - Edit settings
    - Users
    - Filters
    - Reports
    - Gradebook
    - Badges
    - Backup
    - Restore

**Main Content Area:**

Upcoming events for:  
IFS3202 L. Baizylbayeva Uldana

There are no upcoming events.

Buttons: New event, Export calendar, Manage subscriptions

**Monthly view:**

**MARCH 2016**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

**APRIL 2016**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

**MAY 2016**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

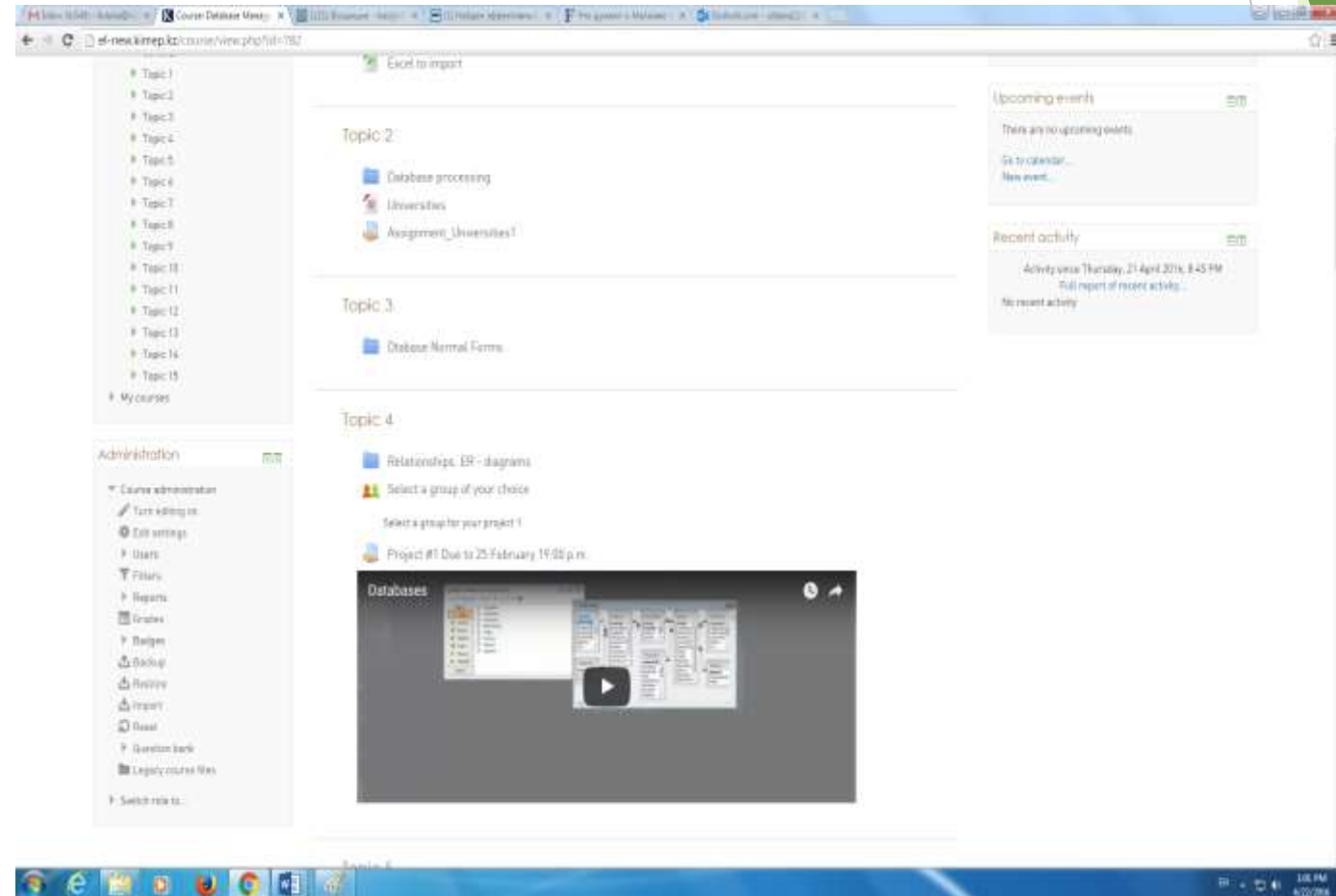
System clock: 12:58 PM 4/22/2016

# Some different format course materials

► Department of Operations Management and Information Systems ► IFS3202 L, Baizyldayeva Uldana ► Topic 3

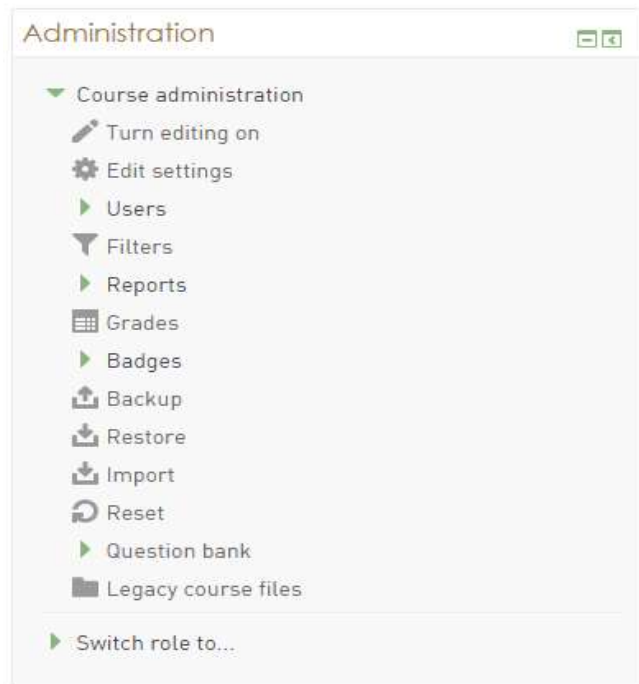
## Dtabase Normal Forms

### Normal Forms 1-5





## Different types of activities (assignment tasks, quizzes, bonus tasks, workshops):



### Topic 2

📁 Assignment Assignment\_Universities1

### Topic 4

📁 Assignment Project #1 Due to 25 February 19:00 p.m.

### Topic 5

📁 Quiz Quiz 1: Database fundamentals

📁 Assignment BONUS: SQL Mathematical, Date/Time functions

### Topic 7

📁 Quiz QUIZ #2

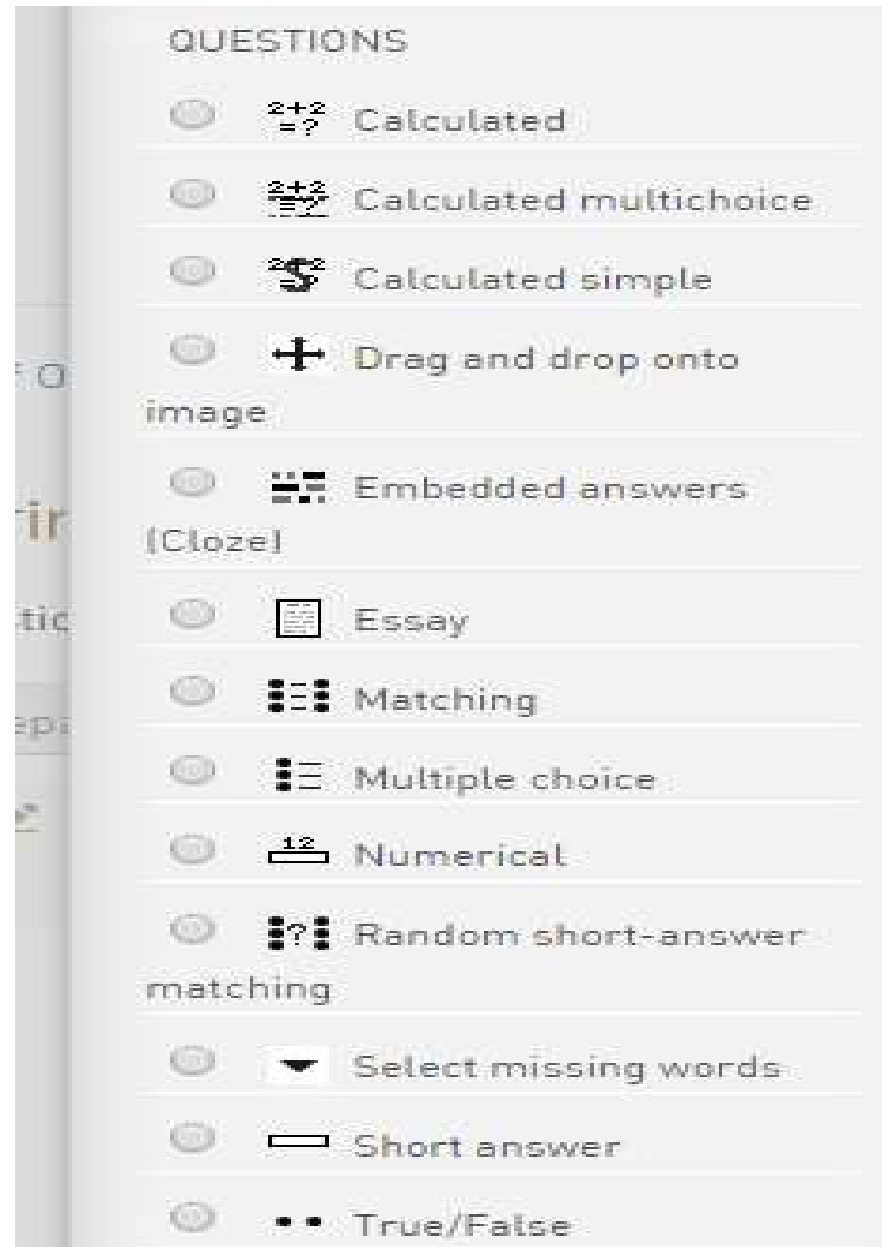
### Topic 8

📁 Forum Database ActivX controls

### Topic 11

📁 Quiz QUIZ #3

## Types of quiz questions:



## Reports on Quiz results:

	First name / Surname	ID number	State	Started on	Completed	Time taken	Grade/10.00	Q. 1 /0.50	Q. 2 /0.50	Q. 3 /0.50	Q. 4 /0.50	Q. 5 /0.50	Q. 6 /0.50	Q. 7 /0.50	Q. 8 /0.50	Q. 9 /0.50	Q. 10 /0.50	Q. 11 /0.50	Q. 12 /0.50
	<b>Zhanarys Yeltayev</b> Review attempt	20120644	Finished	9 February 2016 11:35 AM	9 February 2016 12:04 PM	29 mins	Not yet graded	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50
	<b>Yerkingali Aldybayev</b> Review attempt	20150747	Finished	9 February 2016 11:35 AM	9 February 2016 12:09 PM	34 mins 18 secs	Not yet graded	✗ 0.00	✓ 0.50	✓ 0.50	✓ 0.50	✗ 0.00	✓ 0.50	✓ 0.50	✗ 0.00	✗ 0.00	✗ 0.00	✓ 0.50	✓ 0.50
	<b>Nurislam Baimurat</b> Review attempt	20142442	Finished	9 February 2016 11:35 AM	9 February 2016 12:16 PM	40 mins 34 secs	Not yet graded	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✗ 0.00	✓ 0.50	✓ 0.50	✗ 0.00	✗ 0.00	✓ 0.50	✓ 0.50	✓ 0.50
	<b>Gulfini Sandiyeva</b> Review attempt	20142302	Finished	9 February 2016 11:35 AM	25 February 2016 11:38 AM	16 days	Not yet graded	✓ 0.50	✗ 0.00	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50
	<b>Narkyz Kozeibay</b> Review attempt	20141098	Finished	9 February 2016 11:35 AM	9 February 2016 12:15 PM	39 mins 32 secs	Not yet graded	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50
	<b>Balzhan Abdildinova</b> Review attempt	20120470	Finished	9 February 2016 11:35 AM	9 February 2016 12:25 PM	49 mins 58 secs	Not yet graded	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50
	<b>Alibek Sarybekov</b> Review attempt	20122806	Finished	9 February 2016 11:36 AM	9 February 2016 12:34 PM	58 mins 10 secs	Not yet graded	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✗ 0.00	✗ 0.00	✗ 0.00	✓ 0.50	✗ 0.00	✓ 0.50
	<b>KyeongMyeong Ko</b> Review attempt	20142373	Finished	9 February 2016 11:36 AM	9 February 2016 12:27 PM	51 mins 33 secs	Not yet graded	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50
	<b>Liya An</b>	20140841	Finished	9 February 2016 12:07 PM	9 February 2016 12:07 PM	30 mins	Not yet graded	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✓ 0.50	✗ 0.00	✓ 0.50	✓ 0.50	✗ 0.00	✓ 0.50	✓ 0.50	✓ 0.50

# Lecture, tutorial, control, bonus task activities examples:

## Topic 5



### Quiz 1: Database fundamentals

Stages of DB creation. Normalization. Normal Forms 1-3. Data types, format



### Structured Query Language



### BONUS: SQL Mathematical, Date/Time functions

Dear students,

please, write 3 math. and 3 date/time functions applied in query on the base of table "Order details"

Attach in Notepad format

Due to 15 February, Monday, 14:00 p.m.

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## Topic 6



### SQL date-time and text functions

SQL functions in use: MS Access DB query design

Dear students,

Please, be ready for Quiz #2 (also on-line as Quiz #1, 23 February, Tuesday.

Read materials in el-new.kimep.kz and

on L: drive in folders: Week3-5

Good luck!

## Possibility to download and view all submissions at the example of a Project

Project #1 Due to 25 February 19:00 p.m.

- Topic 5
- Topic 6
- Topic 7
- Topic 8
- Topic 9
- Topic 10
- Topic 11
- Topic 12
- Topic 13
- Topic 14
- Topic 15
- My courses

Administration

- Assignment administration
  - Edit settings
  - Locally assigned roles
  - Permissions
  - Check permissions
  - Filters
  - Logs
  - Backup
  - Restore
  - Advanced grading
  - View gradebook
  - View/grade all submissions
  - Download all submissions

Assignments per page All

Filter No filter

C:\Users\bdana\Downloads\IFS3202 L, Baizyldayeva Uldana -Project #1 Due to 25 February 1900 p.m.--431.zip\

File Edit View Favorites Tools Help

Add Extract Test Copy Move Delete Info

C:\Users\bdana\Downloads\IFS3202 L, Baizyldayeva Uldana -Project #1 Due to 25 February 1900 p.m.--431.zip\

Name	Size	Packed Size	Modified	Created	Acce...	Attrib...	Encrypted	Com...	CRC	Method	Host OS	Version
Balzhan Abd...	192	152	2016-04-22 13:09				-		057D7D3A	Deflate	FAT	20
Balzhan Abd...	1 454 080	261 499	2016-02-25 12:35				-		2BFEE3D0	Deflate	FAT	20
Yerkingali Al...	76	59	2016-04-22 13:09				-		AA37E391	Deflate	FAT	20
Yerkingali Al...	757 760	64 704	2016-02-25 14:11				-		678B80C2	Deflate	FAT	20
Liya An_131...	76	59	2016-04-22 13:09				-		AA37E391	Deflate	FAT	20
Liya An_131...	634 880	151 125	2016-02-25 12:53				-		74FA7538	Deflate	FAT	20
Meruyert Bai...	76	59	2016-04-22 13:09				-		AA37E391	Deflate	FAT	20
Meruyert Bai...	565 248	39 338	2016-02-25 18:57				-		8C35F151	Deflate	FAT	20
Meruyert Bai...	120	109	2016-02-25 18:58				-		49E72259	Deflate	FAT	20
Olzhas Begal...	192	150	2016-04-22 13:09				-		CA4814E3	Deflate	FAT	20
Olzhas Begal...	1 781 760	305 761	2016-02-25 13:10				-		9DD839FA	Deflate	FAT	20
Laetitia Bure...	76	59	2016-04-22 13:09				-		AA37E391	Deflate	FAT	20
Laetitia Bure...	3 538 944	1 049 292	2016-02-25 18:14				-		86FBB3EB	Deflate	FAT	20
Shafikova Ka...	76	59	2016-04-22 13:09				-		AA37E391	Deflate	FAT	20
Shafikova Ka...	89 060	85 652	2016-02-16 11:43				-		E8D1DE7C	Deflate	FAT	20
Karina Kham...	76	59	2016-04-22 13:09				-		AA37E391	Deflate	FAT	20
Karina Kham...	1 249 280	40 409	2016-02-16 14:24				-		A30F1B8F	Deflate	FAT	20
KyeongMye...	196	153	2016-04-22 13:09				-		F30A82C2	Deflate	FAT	20
KyeongMye...	2 699 264	1 692 862	2016-02-22 23:36				-		A39947C7	Deflate	FAT	20
KyeongMye...	3 448 832	1 952 605	2016-02-25 11:33				-		C491278B	Deflate	FAT	20
Narkyz Kozei...	76	59	2016-04-22 13:09				-		AA37E391	Deflate	FAT	20
Narkyz Kozei...	8 097 792	4 322 291	2016-02-24 16:25				-		CF718FC	Deflate	FAT	20
Narkyz Kozei...	12 802	10 007	2016-02-24 16:25				-		01B95EE0	Deflate	FAT	20
Do Kyung Le...	297	192	2016-04-22 13:09				-		BF0CAF79	Deflate	FAT	20
Do Kyung Le...	589 824	41 408	2016-02-23 11:48				-		8C5D001C	Deflate	FAT	20
Viktoria Sat...	76	59	2016-04-22 13:09				-		AA37E391	Deflate	FAT	20
Viktoria Sat...	1 982 464	504 988	2016-02-23 12:44				-		261BB112	Deflate	FAT	20
Malika Satu...	76	59	2016-04-22 13:09				-		AA37E391	Deflate	FAT	20
Malika Satu...	565 248	39 338	2016-02-25 18:57				-		8C35F151	Deflate	FAT	20



## Organizing and conducting Forum activity:

IFS3202 L, Baizyldayeva Uldana

- Participants
- Badges
- General
- Topic 1
- Topic 2
- Topic 3
- Topic 4
- Topic 5
- Topic 6
- Topic 7
- Topic 8
  - MS Access Forms
    - Database ActivX controls
      - SubForms organization**
        - Command button, Subform/subreport, Tab control (sw...
- Topic 9
- Topic 10
- Topic 11
- Topic 12
- Topic 13
- Topic 14
- Topic 15

My courses

### Administration

- Forum administration
  - Edit settings

Display replies in nested form



#### SubForms organization

by [Uldana Baizyldayeva](#) - Wednesday, 2 March 2016, 11:37 AM

Dear students!

What is the main feature and usability of MS Access subform?

Let's discuss....



#### Re: SubForms organization

by [Uldana Baizyldayeva](#) - Thursday, 3 March 2016, 11:22 AM

Dear students, welcome to our forum!



#### Re: SubForms organization

by [Dimash Mynbaev](#) - Thursday, 3 March 2016, 12:36 PM

how I can use Subform to add one or more subform to an existing from by using the SubFrom Wizard



#### Re: SubForms organization

by [Laetitia Buresi](#) - Thursday, 3 March 2016, 12:25 PM

How to show field name in a list box table?



#### Re: SubForms organization

by [Uldana Baizyldayeva](#) - Thursday, 3 March 2016, 12:28 PM

You can do it in one of two ways:

# Organizing a workshop

Department of Operations Management and Information Systems ▶ IFS3202 L, Baizyldayeva Uldana ▶ Topic 11 ▶ W1



## W1 ?

Setup phase ?	Submission phase ?	Assessment phase	Grading evaluation phase ?
<ul style="list-style-type: none"><li>✓ Set the workshop description</li><li>✓ Provide instructions for submission</li><li>✓ Edit assessment form</li><li>✓ Prepare example submissions</li></ul>	<ul style="list-style-type: none"><li>✓ Provide instructions for assessment</li><li>✗ Allocate submissions<ul style="list-style-type: none"><li>expected: 22</li><li>submitted: 1</li><li>to allocate: 1</li></ul></li><li>ⓘ There is at least one author who has not yet submitted their work</li><li>ⓘ Open for submissions from Tuesday, 19 April 2016, 11:30 AM (3 days ago)</li><li>ⓘ Submissions deadline: Tuesday, 19 April 2016, 12:15 PM (3 days ago)</li><li>ⓘ Late submissions are allowed</li><li>ⓘ Time restrictions do not apply to you</li></ul>	<ul style="list-style-type: none"><li>ⓘ Open for assessment from Tuesday, 19 April 2016, 12:20 PM (3 days ago)</li><li>ⓘ Assessment deadline: Tuesday, 19 April 2016, 1:00 PM (3 days ago)</li><li>ⓘ Time restrictions do not apply to you</li></ul>	<ul style="list-style-type: none"><li>✓ Calculate submission grades<ul style="list-style-type: none"><li>expected: 22</li><li>calculated: 0</li></ul></li><li>✓ Calculate assessment grades<ul style="list-style-type: none"><li>expected: 22</li><li>calculated: 0</li></ul></li><li>✓ Provide a conclusion of the activity</li></ul>

# CONCLUSION:

- ▶ The use of modern IT achievements is very actual today not only for business university faculty and students to be on step with up-to-date IT facilities in planning, running businesses of any origin. So, integrating IT tools in the educational process is to be even obligatory for preparing future competitive leaders of our young society.



THANK YOU ALL VERY MUCH  
FOR YOUR ATTENTION !!!