

МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ  
РОССИЙСКОЙ ФЕДЕРАЦИИ

федеральное государственное автономное  
образовательное учреждение высшего образования  
«Самарский национальный исследовательский университет  
имени академика С.П. Королева»  
(Самарский университет)

Институт информатики, математики и электроники  
Факультет информатики  
Кафедра суперкомпьютеров и общей информатики

**Отчет по лабораторной работе № 6**

Дисциплина: «Enterprise Systems Development (Методы проектирования и  
поддержки требований к программному обеспечению)»

Тип предприятия: «**TimeToMeet**»

Выполнил: Коршиков В. И.

Группа: 6133-010402D

Самара 2022

## **СОДЕРЖАНИЕ**

1 Assignment №6. Business process implementation .....	3
2 Assignment №6. Business process implementation .....	4

## **1 Assignment #1. Business process implementation**

Objective: To study the business process implementation with Cuba Platform

Tasks

1. Create Cuba Platform project, which will implement one of business processes of previously selected organization.
2. Add section to doc report image, which should include:
  - Selected business process description (several sentences). It is desirable that the business process be the same as business process described in previous assignment.
  - Instructions how to run application, prerequisites.
  - Step-by-step instruction with demonstration of business process automation using the application.
3. Send zipped files and doc report to [j-avdeev@yandex.ru](mailto:j-avdeev@yandex.ru)

Notice

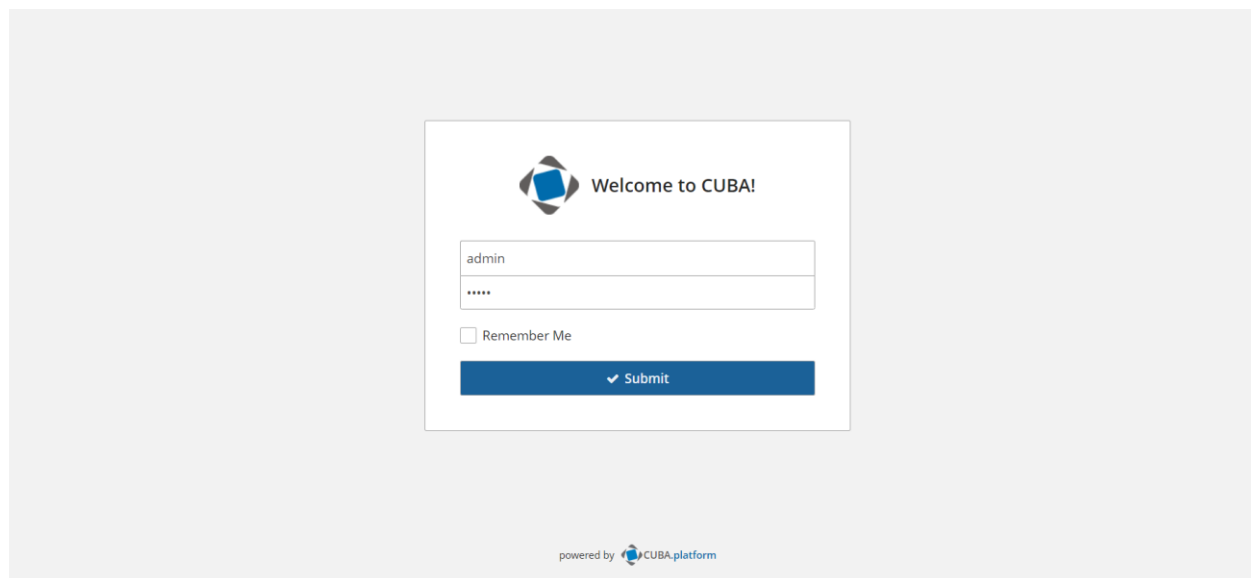
Use Cuba Platform documentation (for example <https://doc.cuba-platform.com/bpm-latest/bpm.html> or <https://doc.cuba-platform.com/bpm-latest-ru/bpm.html> (on Russian)).

Yes, can use your preferable framework (not Cuba Platform) to create a web application to automate chosen business process.

## 2 Assignment №6. Business process implementation

In this laboratory work I made a prototype of meeting up, for appointing meetings with students. Teacher can appoint meeting and student can decide, which meeting they can come.

### Start CUBA Application



We have connected as Admin, we have three tabs in Application. We have three entities in prototype: Teacher, Student, Meeting

**CUBA Application**

Application

- Teachers
- Students
- Meetings

Administration

- Users**
- Access Groups
- Roles
- Dynamic Attributes
- User Sessions
- Locks
- External Files
- Scheduled Tasks
- Restore Deleted Entities
- Entity Inspector
- Application Properties
- JMX Console
- Entity Log

Search condition

Copy Remove Additional Excel

Show rows 50

2 rows

Name	Position	Group	Email	Time Zone	Active	Change Password at Next Logon
Administrator		Company			<input checked="" type="checkbox"/>	<input type="checkbox"/>
Anonymous		Company			<input checked="" type="checkbox"/>	<input type="checkbox"/>

Administrator

Let's see the Teacher tab:

UsersTeacher browser

Filter

Refresh

Add search condition

Show rows

50

Create

Edit

Remove

0 rows

Teacher id	First name	Last name	Subject	Email

Let's create some Teachers:

UsersTeacher editor

Teacher browser > Teacher editor

Teacher id

1

First name

Ladova

Last name

Karina

Subject

Math

Email

lkar@yandex.ru

OK

Cancel

UsersTeacher browser

Filter

Refresh

Add search condition

Show rows

50

Create

Edit

Remove

3 rows

Teacher id	First name	Last name	Subject	Email
3	Dolphin	Linda	Art	Dollin@gmail.com
2	Jobs	Steve	Computer Science	SteveJ@gmail.com
1	Ladova	Karina	Math	lkar@yandex.ru

We can edit this users:

Users

Teacher editor

Teacher browser > Teacher editor

Teacher id

3

First name

dolphinaria

Last name

Lindson

Subject

Art

Email

Dollin@gmail.com

✓ OK

⊗ Cancel

Users

Teacher browser

Filter

Refresh

Add search condition

Show rows 50

Create

Edit

Remove

3 rows

Teacher id	First name	Last name	Subject	Email
3	dolphinaria	Lindson	Art	Dollin@gmail.com
2	Jobs	Steve	Computer Science	Stevej@gmail.com
1	Ladova	Karina	Math	lkar@yandex.ru

Also we can remove this users:

Users

Teacher browser

Filter

Refresh

Add search condition

Show rows 50

Create

Edit

Remove

3 rows

Teacher id	First name	Last name	Subject	Email
3	dolphinaria	Lindson	Art	Dollin@gmail.com
2	Jobs	Steve	Computer Science	Stevej@gmail.com
1	Ladova	Karina	Math	lkar@yandex.ru

Confirmation

Are you sure you want to delete selected elements?

✓ Yes

⊗ No

Users

Teacher browser

Filter

Refresh

Add search condition

Show rows 50

Create

Edit

Remove

2 rows

Teacher id	First name	Last name	Subject	Email
2	Jobs	Steve	Computer Science	Stevej@gmail.com
1	Ladova	Karina	Math	lkar@yandex.ru

Students also can be created:

Users × Teacher browser × Student editor ×

Student browser > Student editor

Student id

1

Last name

London

First name

Subject

Email

OK

Cancel

Users × Teacher browser × Student browser ×

Filter

Refresh

Add search condition

Show rows 50

Create

Edit

Remove

3 rows

Student id	Last name	First name	Subject	Email
2	Rocke	Alva	History	AlvaRock@yandex.ru
1	London	Jack	Literature	JackLondon@gmail.com
0	Balboa	Rocky	PE	BRocky@gmail.com

Edit:

Users × Teacher browser × Student editor ×

Student browser > Student editor

Student id

1

Last name

Paris

First name

Jacques

Subject

Literature

Email

JParis@gmail.com

OK

Cancel

Filter

Refresh

Add search condition

Show rows 50

Create

Edit

Remove

3 rows

Student id	Last name	First name	Subject	Email
2	Rocke	Alva	History	AlvaRock@yandex.ru
1	Paris	Jacques	Literature	JParis@gmail.com
0	Balboa	Rocky	PE	BRocky@gmail.com

Delete Student:

Confirmation

Are you sure you want to delete selected elements?

✓ Yes

⊘ No

Users

Teacher browser

Student browser

Filter

Refresh

Add search condition

Show rows 50

Create

Edit

Remove

2 rows

Student id	Last name	First name	Subject	Email
2	Rocke	Alva	History	AlvaRock@yandex.ru
0	Balboa	Rocky	PE	BRocky@gmail.com

We also can create meeting:

Users

Teacher browser

Student browser

Meeting browser

Filter

Refresh

Add search condition

Show rows 50

Create

Edit

Remove

0 rows

Meeting id	Date	Time	Place
------------	------	------	-------



Users × Teacher browser × Student browser × Meeting editor ×

Meeting browser > Meeting editor

Meeting id

0

Date

12/07/2023

Time

14:30

Place

White Cup

✓ OK

⊗ Cancel

Users × Teacher browser × Student browser × Meeting browser ×

Filter

Refresh

Add search condition

Show rows 50

Create

Edit

Remove

3 rows

Meeting id	Date	Time	Place
2	19/06/2022	15:30	Mosaic Coffee
1	12/03/2022	12:40	Gagarin Park
0	12/07/2023	14:30	White Cup

Edit meeting:

Meeting editor ×

Meeting browser > Meeting editor

Meeting id

2

Date

17/06/2022

Time

16:30

Place

8 Atomov

✓ OK

⊗ Cancel

Meeting browser x

Filter

Q Refresh Add search condition

Show rows 50

Create Edit Remove

3 rows

Meeting id	Date	Time	Place
2	17/06/2022	16:30	8 Atomov
1	12/03/2022	12:40	Gagarin Park
0	12/07/2023	14:30	White Cup

We can also remove some meeting:

Meeting browser x

Filter

Q Refresh Add search condition

Show rows 50

Create Edit Remove

Meeting id	Date	Time	Place
2	17/06/2022	16:30	8 Atomov
1	12/03/2022	12:40	Gagarin Park
0	12/07/2023	14:30	White Cup

Confirmation

Are you sure you want to delete selected elements?

Yes No

Meeting browser x

Filter

Q Refresh Add search condition

Show rows 50

Create Edit Remove

2 rows

Meeting id	Date	Time	Place
1	12/03/2022	12:40	Gagarin Park
0	12/07/2023	14:30	White Cup

Архив с приложением можно найти GitHub по ссылке: [https://github.com/vladkorsh/ESD\\_Labs/blob/main/timetomeet.zip](https://github.com/vladkorsh/ESD_Labs/blob/main/timetomeet.zip)