

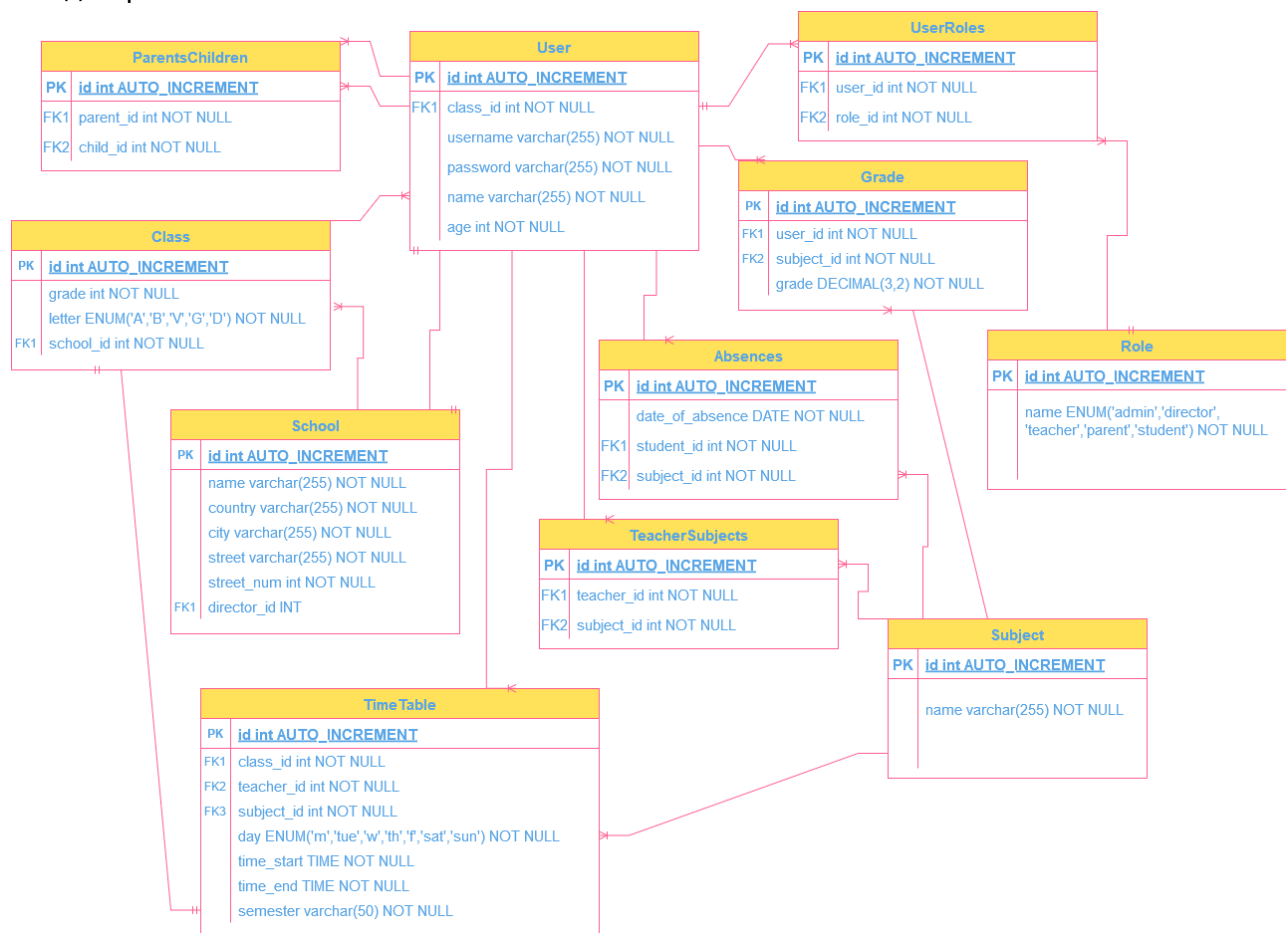
# Документация - Grade-center

## Технологии

- PHP
- MySQL
- Frontend: JavaScript, HTML, CSS
- Docker контейнери за Apache & MySQL server

## Модел на базата

### Е-R диаграма



SQL скрипт за създаване на базата се намира в /includes/grade\_center.sql

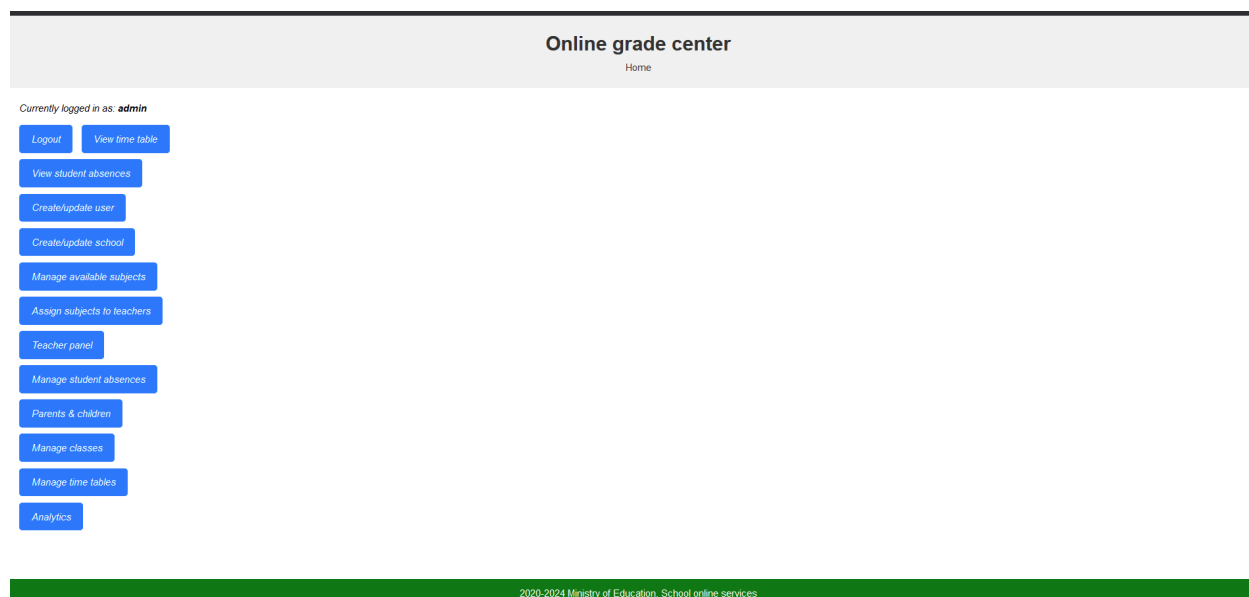
## Структура на страниците и функционалности

Всички страници имат функционалности спрямо ролята на влезналия потребител. Функционалностите, които са разработени, са на база на изискванията на системата от *CSCB634\_Kostadinova\_GradeCenter.pdf*.

### index.php

Тук потребителите влизат в системата и след това виждат бутони (линкове) към допълнителни менюта и съответните оценки спрямо ролята си.

Екран на админ потребител:



Екран на ученик

Online grade center

Home

Currently logged in as: **ivan**

Logout

View time table

View student absences

Grade ID: 6

Grade: 4.50

Subject: Physics

Student: Ivan Georgiev

Grade ID: 4

Grade: 5.50

Subject: Chemistry

Student: Ivan Georgiev

Grade ID: 1

Grade: 4.50

Subject: Physics

Student: Ivan Georgiev

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Екран на родител

Currently logged in as: **ana**

Logout

View time table

View student absences

Grade ID: 9

Grade: 2.00

Subject: Physics

Student: Petar Georgiev

Grade ID: 8

Grade: 3.40

Subject: Chemistry

Student: Petar Georgiev

Grade ID: 6

Grade: 4.50

Subject: Physics

Student: Ivan Georgiev

Grade ID: 4

Grade: 5.50

Subject: Chemistry

Student: Ivan Georgiev

Grade ID: 1

Grade: 4.50

Subject: Physics

Student: Ivan Georgiev

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absences.php

CRUD операции за отсъствия

Online grade center

Home

Manage Student Absences

Create

Update

Delete

Date of Absence | dd / mm / yyyy

Student | Ivan Georgiev

Subject | Maths

Submit

view-absences.php

Виждат все всички отсъствия спрямо ролята на потребителя

Online grade center

Home

Absence ID: 1

Date of Absence: 2024-06-13

Subject: Physics

Student: Ivan Georgiev

analytics.php

Средни стойности за оценките по предмет и учител

Екран с роля ‘admin’ - виждат се всички училища

Online grade center

Home

School Analytics

Average Grades per Teacher

School	Teacher	Average Grade
73 Vladislav Gramatik	Vladislav Popov	4.83
91 Prof. Galabov	Vladislav Popov	3.17

Average Grades per Subject

School	Subject	Average Grade
73 Vladislav Gramatik	Chemistry	5.50
73 Vladislav Gramatik	Physics	4.50
91 Prof. Galabov	Chemistry	3.75
91 Prof. Galabov	Physics	2.00

Екран с роля 'director' - виждат се данни само за училището на директора

Online grade center

Home

School Analytics

Average Grades per Teacher

School	Teacher	Average Grade
91 Prof. Galabov	Vladislav Popov	3.17

Average Grades per Subject

School	Subject	Average Grade
91 Prof. Galabov	Chemistry	3.75
91 Prof. Galabov	Physics	2.00

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login.php

Валидиране на данните за вход в системата

Online grade center

Home

User login

Username or password are invalid

Username

admin

Password

Login

logout.php

Изход на потребител от системата (няма екран, препраща към index.php)

teacher.php

CRUD операции върху оценките

Online grade center

Home

Teacher Panel

☒ Create

☐ Update

☐ Delete

Grade

Student

Ivan Georgiev

Subject

Maths

Submit

## view-time-table.php

Справка за програмата спрямо ролята на потребителя (екранна снимка на админ)

Online grade center

Home

View Time Table

Day	Start Time	End Time	Semester	Teacher	Class	Subject	School
Mon	08:00:00	09:00:00	Fall 2024	Vladislav Popov	10V	Physics	73 Vladislav Gramatik
Mon	15:30:00	16:10:00	Spring 2024	Vladislav Popov	7G	Chemistry	91 Prof. Galabov
Wed	11:00:00	12:00:00	Fall 2024	Vladislav Popov	8D	Chemistry	91 Prof. Galabov
Thr	11:20:00	12:30:00	Fall 2024	Vladislav Popov	12A	Chemistry	91 Prof. Galabov

## admin - crud-school.php

CRUD операции за училищата

Online grade center

Home

Manage Schools

☒ Create School

☐ Update School

☐ Delete School

Name

Country

City

Street

Street Number

Director

Select Director

Submit

## admin - crud-user.php

CRUD операции за създаване на нови потребители, промяна на ролите, записване на нови класове/училища при създаване нови потребители-ученици

User Management

☐ Create User

☒ Update User

☐ Delete User

Select User | admin

Username

Password

Full Name

Age

Select School and Class - STUDENTS ONLY

School

-- Select School --

Class

-- Select Class --

Roles

☐ Admin

☐ Director

☐ Teacher

☐ Parent

☐ Student

Submit

## admin - subjects.php

CRUD операции за преподаваните предмети

Online grade center

Home

Manage Subjects

☒ Create

☐ Update

☐ Delete

Name

Submit

## admin - teacher-subjects.php

Записване на предметите, по които учителите са квалифицирани да преподават

Online grade center

Home

Manage Teacher-Subject Relationships

☒ Create

☐ Update

☐ Delete

Teacher | Vladislav Popov

Subject | Maths

Submit

## director - parents-children.php

Записване на отношения родител-дете(ученик)

Online grade center

Home

Manage Parent-Child Relationships

☒ Create

☐ Update

☐ Delete

Parent 

Ana P. Georgieva

Child 

Ivan Georgiev

Submit

Online grade center

Home

Manage Parent-Child Relationships

☐ Create

☒ Update

☐ Delete

Select Relationship 

Ana P. Georgieva - Ivan Georgiev

Parent 

Ana P. Georgieva

Child 

Ivan Georgiev

Submit

## director - school-class.php

CRUD операции за класове в училище, или за всички училища, ако потребителят е ‘admin’

Online grade center

Home

Manage School Classes

☐ Create

☒ Update

☐ Delete

Select Class 

11G - 91 Prof. Galabov

Grade 

1

Letter 

A

School 

73 Vladislav Gramatik

Submit

## director - time-tables.php

CRUD операции за създаване на нови часове по програма

Online grade center

Home

Manage Time Table Entries

☐ Create

☒ Update

☐ Delete

Select Time Table Entry 

thr: 11:20:00 - 12:30:00, Vladislav Popov, 12A, Chemistry

Day of the Week 

Monday

Start Time 

-- : --

End Time 

-- : --

Semester

Teacher 

Vladislav Popov

Class 

11B - 73 Vladislav Gramatik

Subject 

Maths

Submit