

TEACHERS

Teacher Class

Teacher name

Teacher email

Course: teacher course

Teacher DAO for database access

Teachers

[Home](#)[Messages](#)[Courses](#)[Teachers](#)[Exams](#)[Forum](#)

Name	Course Name	email
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Kocsis Gergely	Soft Dev for Eng	kocicsg@gmail.com
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Imre Varga	System Programming	imreVarga@gmail.com
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Toth laszlo	Control Systems	tothl@gmail.com
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[Message](#)

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Teachers

Name	Course Name	email	
Kocsis Gergely	Soft Dev for Eng	kocicsg@gmail.com	
Imre Varga	System Programming	imreVarga@gmail.com	
Toth Laszlo	Control Systems	tothl@gmail.com	

[Message](#)

Under the Teachers category we can see all the teachers concerning the student and their basic information. They can also be arranged by name, course name and email.

EMAIL INTEGRATION

JavaMail API

Teachers

[Home](#)[Messages](#)[Courses](#)[Teachers](#)[Exams](#)[Forum](#)

Name	Course Name	email	
Kocsis Gergely	Soft Dev for Eng	kocicsg@gmail.com	
Imre Varga	System Programming	imreVarga@gmail.com	
Toth laszlo	Control Systems	tothl@gmail.com	

[Message](#)

We have built in email integration in this application. To begin we need to press on “message” in the Teachers category

[Logout](#)[Send Email To Teacher](#)

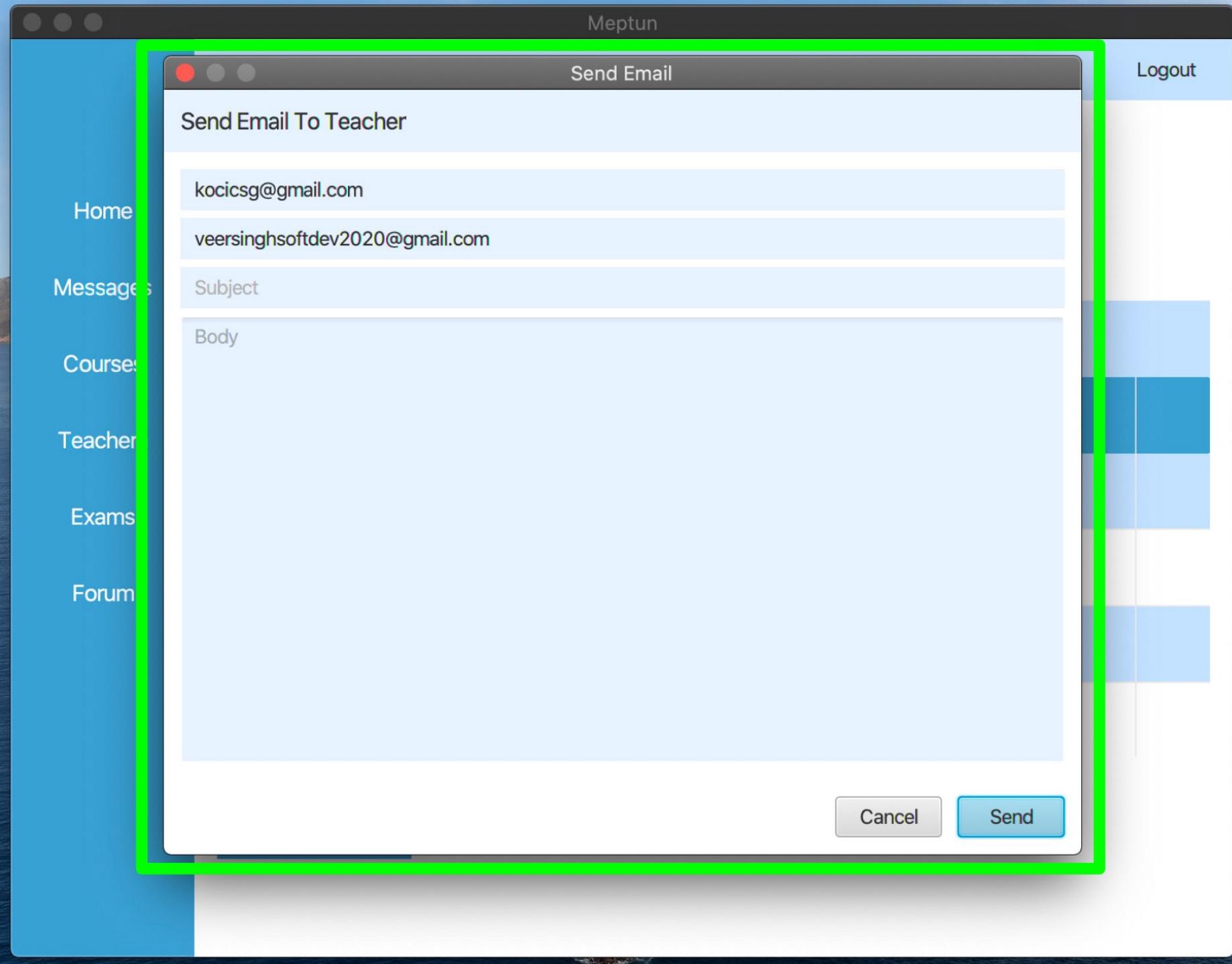
veersinghsoftdev2020@gmail.com

Subject

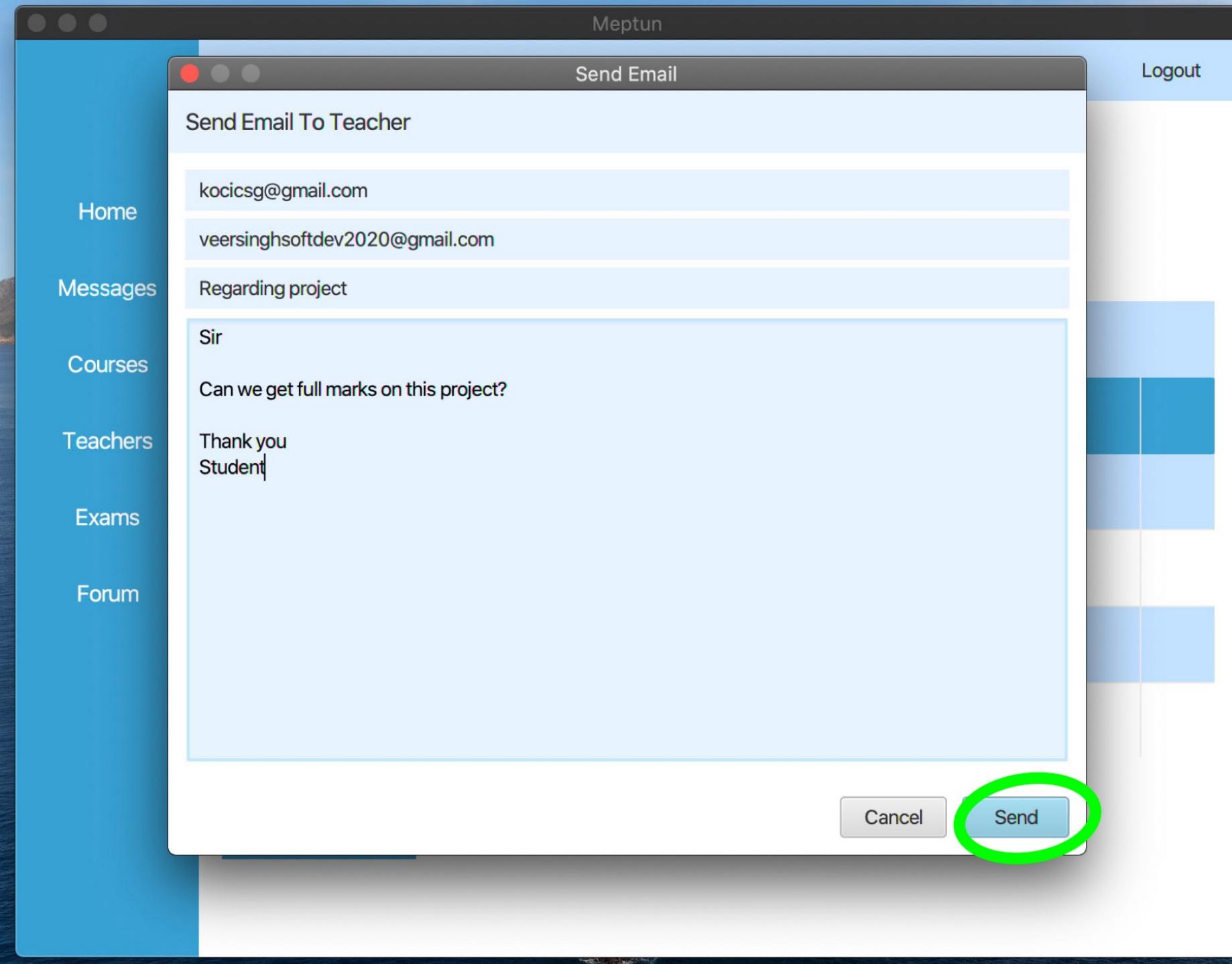
Body

[Cancel](#)[Send](#)

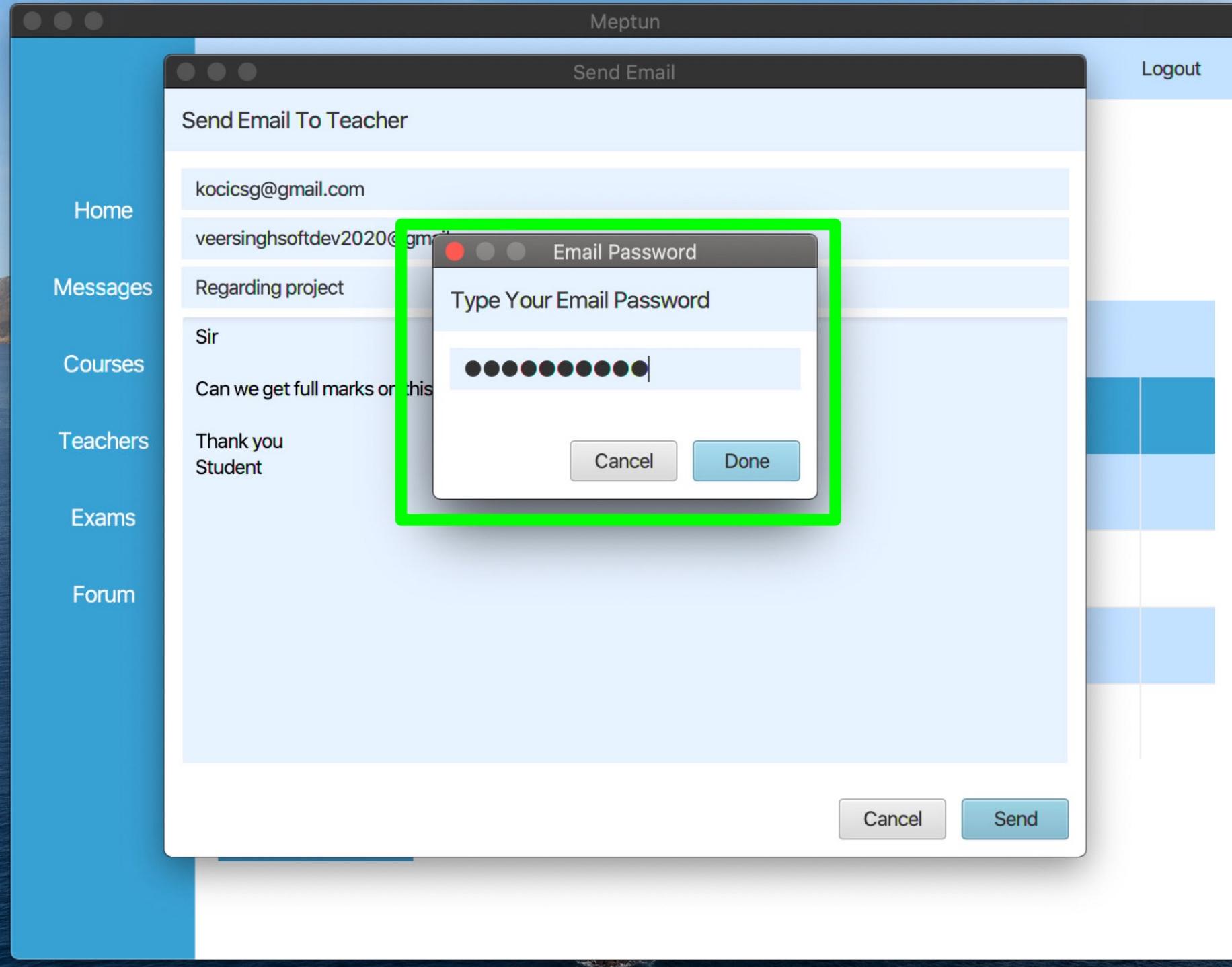
This opens the
email portal



If the teacher's name is selected then the program auto-fills the recipients email



The student's email is automatically filled in. The student needs to fill in the teacher's email, subject and the email body and hit send



The application requests the students email password (in this case the gmail password) and then sends the mail via gmail

EXAM

Exam Class

Course: exam course

Exam date

Exam room

Exam headcount

Exam DAO for database access

The image shows a macOS desktop environment. In the center is a window titled "Meptun" with a light blue header bar. The header bar includes three red, yellow, and green circular close buttons on the top-left, the title "Meptun" in the center, and "Dark Mode" and "Logout" buttons on the top-right. The main content area of the window has a white background and features a large blue "Exam" heading. Below the heading is a table with five columns: Course, Date, Room, Headcount, and Supervisors. The table contains four rows of data. To the right of the table is a vertical blue sidebar with white text links: Home, Messages, Courses, Teachers, Exams (which is highlighted), and Forum. On the far right of the window, there are two buttons: "Register" and "Deregister". The background of the desktop is a scenic image of a rocky coastline under a clear blue sky. At the bottom of the screen, a dark dock bar displays various application icons.

Exam

Course	Date	Room	Headcount	Supervisors
Soft-Dev for Eng	2020-05-12	IK-201	20	Kocsis Gergely
Control Systems	2020-05-12	IK-205	20	Imre Varga
System Programming	2020-05-12	IK-206	20	Toth Laszlo

Home
Messages
Courses
Teachers
Exams
Forum

Dark Mode Logout

Register
Deregister



Sem 4 notes



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Exam

Course	Date	Room	Headcount	Supervisors		
Soft-Dev for Eng	2020-05-12	IK-201	20	Kocsis Gergely	Register	Deregister
Control Systems	2020-05-12	IK-205	20	Imre Varga		
System Programming	2020-05-12	IK-206	20	Toth Laszlo		

Under the Exam category we can see list of exams the student can take and also arrange them by course, date, room, headcount and supervisors

Exam

[Home](#)[Messages](#)[Courses](#)[Teachers](#)[Exams](#)[Forum](#)

Course	Date	Room	Headcount	Supervisors	
Soft-Dev for Eng	2020-05-12	IK-201	20	Kocsis Gergely	Register Deregister
Control Systems	2020-05-12	IK-205	20	Imre Varga	
System Programming	2020-05-12	IK-206	20	Toth Laszlo	

The student
can register or
deregister any
exam

[Home](#)[Messages](#)[Courses](#)[Teachers](#)[Exams](#)[Forum](#)

Exam

Exam Registration

Select exam to register

Web Solutions

Cancel Register

System Programming 2020-05-12 IK-206 20 Toth Laszlo

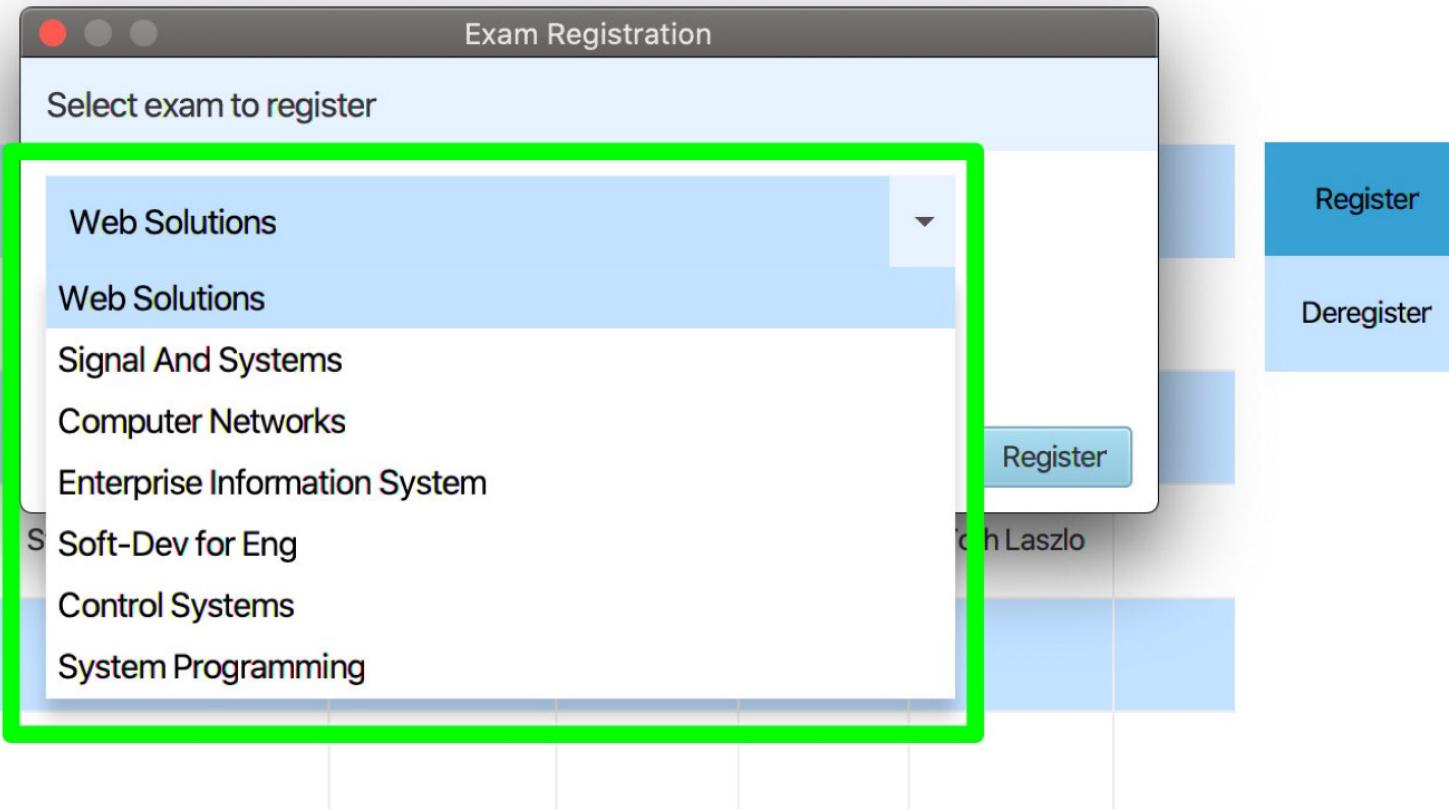


Register
Deregister

Clicking "register" opens the exam registration portal

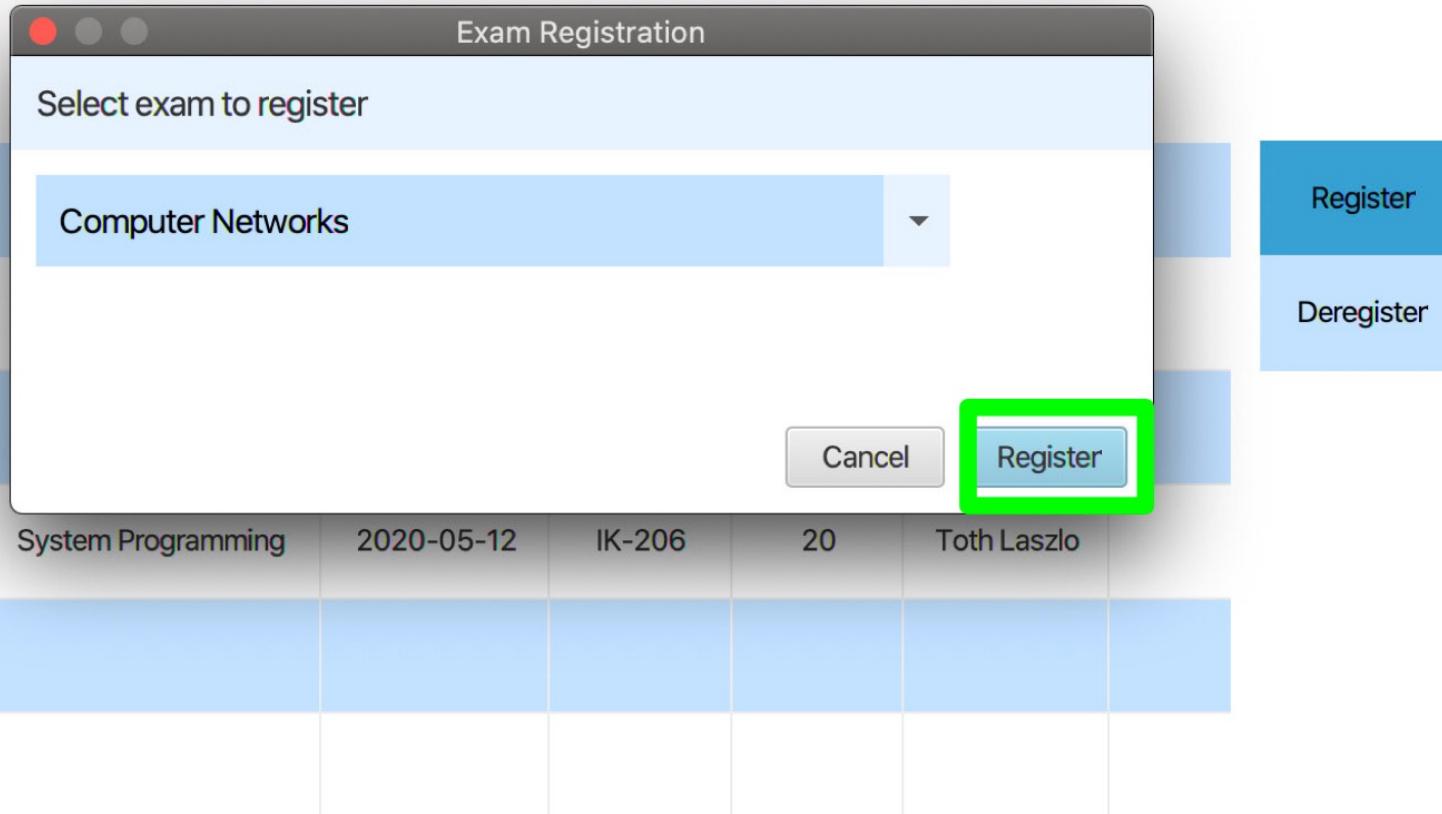
Exam

- Home
- Messages
- Courses
- Teachers
- Exams
- Forum



This is a list of all the exams the student can enroll into

Exam

[Home](#)[Messages](#)[Courses](#)[Teachers](#)[Exams](#)[Forum](#)

The student can select the exam he/she wants to enroll and press “register”

The screenshot shows the Meptun application window. The title bar at the top center reads "Meptun". On the right side of the title bar are "Dark Mode" and "Logout" buttons. The left sidebar has a blue background and contains links: "Home", "Messages", "Courses", "Teachers", "Exams" (which is the active link, highlighted in red), and "Forum". The main content area has a white background and displays the "Exam" page. At the top of this page is a large blue header with the word "Exam" in white. Below the header is a table with the following data:

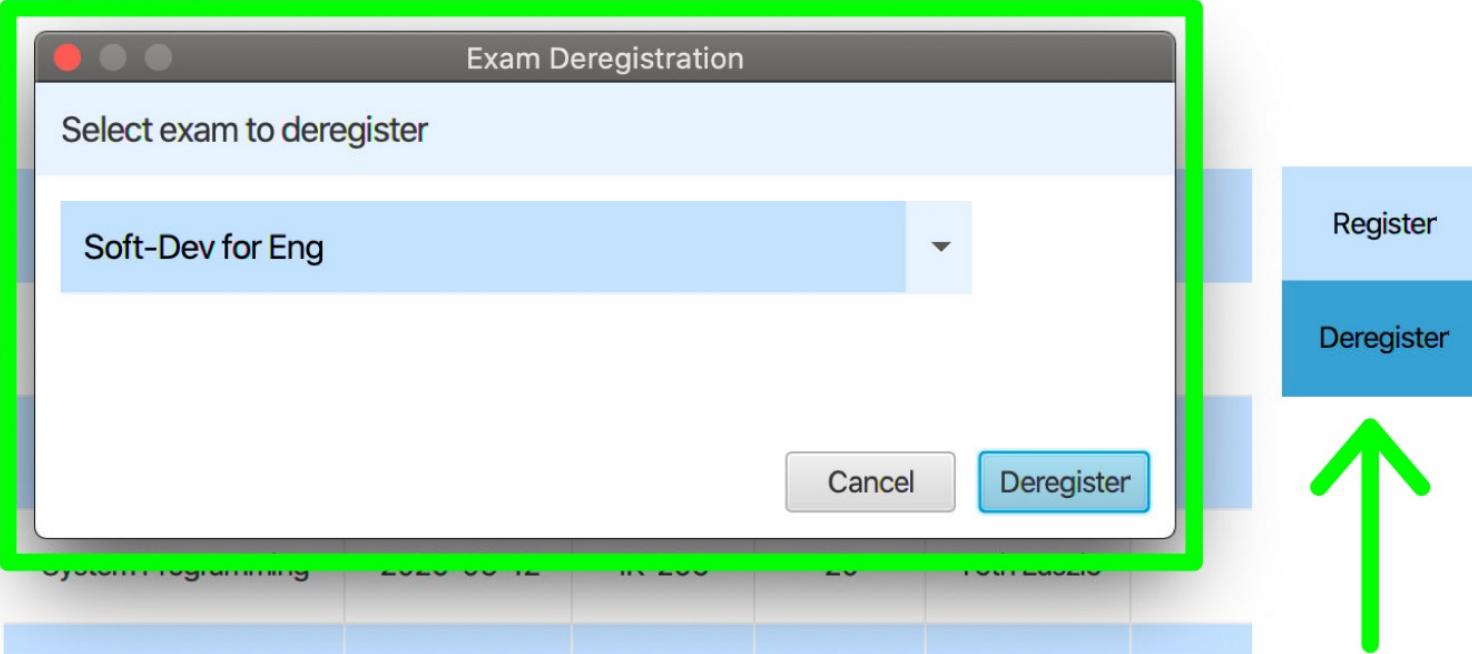
Course	Date	Room	Headcount	Supervisors	
Soft-Dev for Eng	2020-05-12	IK-201	20	Kocsis Gergely	Register Deregister
Control Systems	2020-05-12	IK-205	20	Imre Varga	
System Programming	2020-05-12	IK-206	20	Toth Laszlo	
Computer Networks	2020-05-12	Ik-205	25	Gal Zoltan	

A green rectangular border highlights the last row of the table, which corresponds to the selected exam. To the right of the table, there is a vertical column with two buttons: "Register" and "Deregister".

The selected exam now shows up in the exam list

[Home](#)[Messages](#)[Courses](#)[Teachers](#)[Exams](#)[Forum](#)

Exam



Clicking the
“deregister”
button opens
up the exam
deregistration
portal

Exam

[Home](#)[Messages](#)[Courses](#)[Teachers](#)[Exams](#)[Forum](#)

Exam Deregistration

Select exam to deregister

- Soft-Dev for Eng
- Soft-Dev for Eng
- Control Systems
- System Programming
- Computer Networks

Deregister

Register

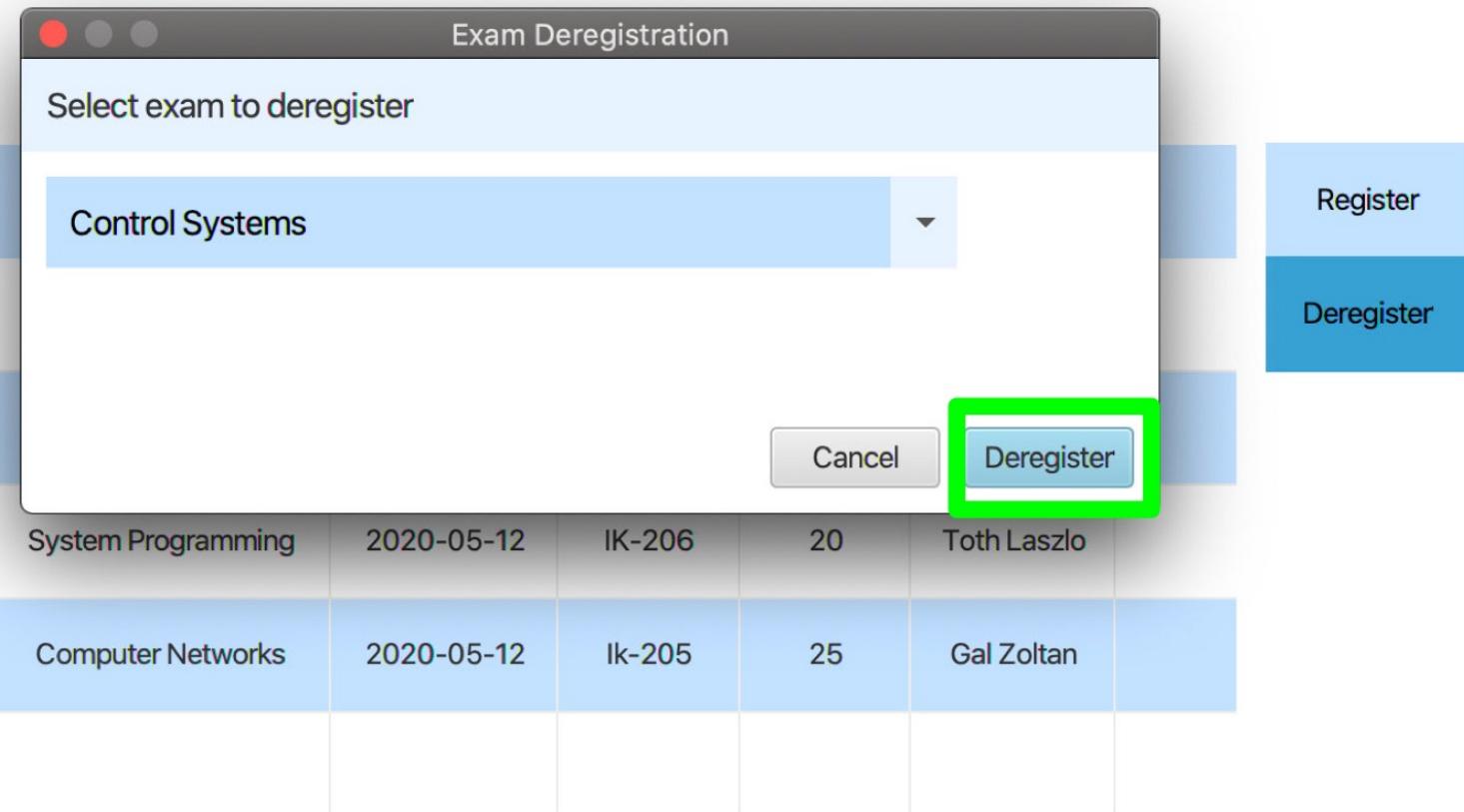
Deregister

Computer Networks	2020-05-12	Ik-205	25	Gal Zoltan
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Here is a list
of all exams
the student is
currently
enrolled in

Exam

Home
Messages
Courses
Teachers
Exams
Forum



The student can then select the exam he/she wants to drop and press on “deregister”

Exam

[Home](#)[Messages](#)[Courses](#)[Teachers](#)[Exams](#)[Forum](#)

Course	Date	Room	Headcount	Supervisors	
Soft-Dev for Eng	2020-05-12	IK-201	20	Kocsis Gergely	Register
System Programming	2020-05-12	IK-206	20	Toth Laszlo	Deregister
Computer Networks	2020-05-12	Ik-205	25	Gal Zoltan	

The deregistered subject is now removed from the list

FORUM



Sem 4 notes



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The screenshot shows a web-based application window titled "Meptun". The top navigation bar includes "Dark Mode" and "Logout" buttons. The left sidebar menu lists "Home", "Messages", "Courses", "Teachers", "Exams", and "Forum", with "Forum" being the active tab. The main content area is titled "Forum" and contains a large empty text input field. To the right of this field is a "Clear Chat" button. At the bottom of the input field is a "Type here" placeholder and a "Send" button.

Meptun

Dark Mode Logout

Forum

Clear Chat

Type here

Send

- Home
- Messages
- Courses
- Teachers
- Exams
- Forum



Forum

[Home](#)[Messages](#)[Courses](#)[Teachers](#)[Exams](#)[Forum](#)[Clear Chat](#)[Send](#)

The student can type a message here and start a new thread



Forum

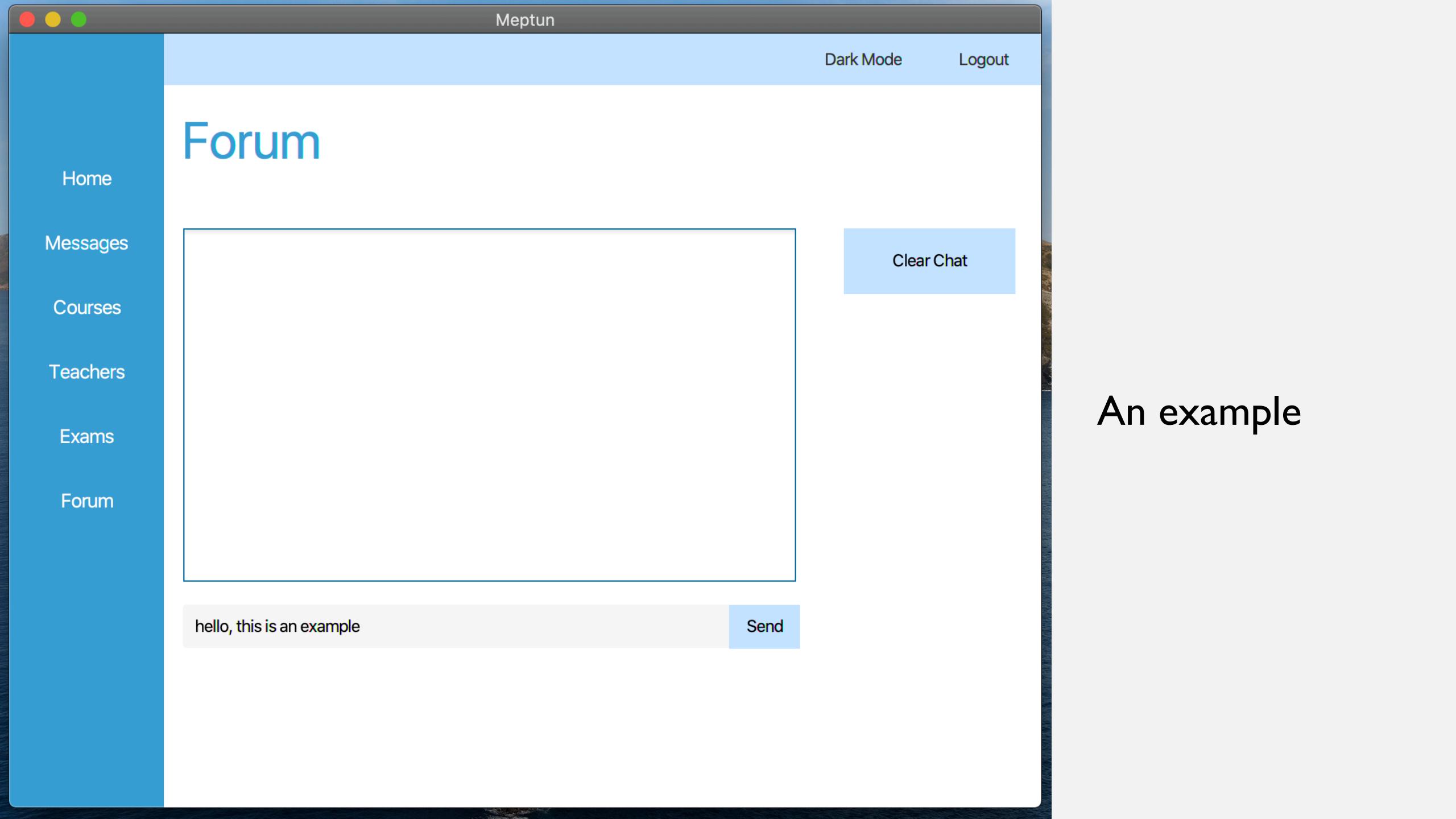
[Home](#)[Messages](#)[Courses](#)[Teachers](#)[Exams](#)[Forum](#)

Type here

Send

Clear Chat

All messages
can be read in
this space



An example



Forum

Home

Messages

Courses

Teachers

Exams

Forum

@veer: hello, this is an example

Clear Chat

Type here

Send

An example

The screenshot shows the Meptun application interface. At the top, there is a dark header bar with three colored window control buttons (red, yellow, green) on the left, the brand name "Meptun" in the center, and "Dark Mode" and "Logout" buttons on the right.

The main content area has a light blue header with the word "Forum" in large, bold, blue text. Below this is a large white area containing a light blue rectangular box with a thin blue border. In the bottom right corner of this box is a button labeled "Clear Chat".

At the bottom of the screen is a light gray footer bar. On the left side of this bar is a text input field with the placeholder "Type here". To the right of the input field is a blue "Send" button.

On the far left of the interface is a vertical sidebar with a blue background. It contains several menu items: "Home", "Messages", "Courses", "Teachers", "Exams", and "Forum". The "Forum" item is highlighted with a dark blue background, indicating it is the active section.

The chat box
can be cleared
using the
"clear chat"
button

Our project can be found here

[HTTPS://GITHUB.COM/RETRX0/TEAMAVENGERS](https://github.com/retrX0/TeamAvengers)

[HTTPS://TRELLO.COM/B/0CV5YJEQ/TEAM-AVENGERS](https://trello.com/b/0cv5yjeq/team-avengers)

- Our Trello board can be found here

H2 Console x | Google Sheets x | Team Avengers | Trello x +

trello.com/b/0cV5yJeq/team-avengers

Boards [Extra] SEM 4 E-Learning Residence in Hun...

Trello

Team Avengers SoftDev2020 Free Team Visible vs AI NM Invite Butler (6 Tips) ... Show Menu

To Do + Add a card

Doing Make final ppt + Add another card

Review + Add a card

Done + Add another list

Implement register exam (2 notifications) vs

Implement deregister exam (1 notification) vs

Implement register courses (2 notifications) vs

Make MSTEams group AI

H2 Database

Student class 1/1 AI

Teacher class 1/1

To Do

+ Add a card

Doing

Make final ppt

+ Add another card

Review

+ Add a card

Done

+ Add another list

Implement register exam

Implement deregister exam

Implement register courses

Make MSTEams group

H2 Database

Student class

Teacher class

DEMONSTRATION OF THE APPLICATION

ILLO ABDULRAHMAN ILIYASU

LOGIN SCREEN

HOME SCREEN

MESSAGES CLASS

COURSES CLASS

DATABASE

```
import org.hibernate.Query;  
import org.hibernate.Session;  
import org.hibernate.Transaction;
```

```
/**  
 *  
 * @author ABDULRAHMAN ILLO  
 */
```

```
public class JPAStudentDAO implements Transaction transaction;  
Session session;
```

```
public JPAStudentDAO() {  
    session = HibernateUt  
}
```

VEER SINGH

TEACHER CLASS

EXAM CLASS

GITHUB INTEGRATION

PRESNTATION

```
import java.util.List;
import org.hibernate.Query;
import org.hibernate.Session;
import org.hibernate.Transaction;
```

```
 /**
 * 
 * @author veersingh
 */
```

```
public class JPACourseDAO implements CourseDAO {
    Transaction transaction;
    Session session;
```

```
public JPACourseDAO() {
    session = HibernateUtil.getSessionFactory().openSession();
}
```

NGONIDZASHE MAFARA

EMAIL INTEGRATION

GRAPHICS FOR PROJECT

TRELLO BOARD

```
import org.hibernate.Query;
import org.hibernate.Session;
import org.hibernate.Transaction;
```

```
- /**
 * 
 * @author ngoni
 */
public class JPAExamsDAO implements
```

```
Transaction transaction;
Session session;
```

```
public JPAExamsDAO() {
    session = HibernateUt
}
```

ADEWUYI TOLUWAMINI

FORUM CLASS

PRESENTATION

```
1 import org.hibernate.Query;  
2 import org.hibernate.Session;  
3 import org.hibernate.Transaction;
```

```
4  
5  
6     /**  
7     *  
8     * @author Adewuyi Toluwanimi  
9     */
```

```
10 public class JPATeacherDAO implements  
11     Transaction transaction;  
12     Session session;
```

```
13  
14 public JPATeacherDAO() {  
15     session = HibernateUtil.  
16 }
```

```
17  
18 @Override
```

THANK YOU